

Converting Colors

XYZ(73.2551, 76.2267, 79.2589)

Have a look what the booklet for
XYZ(73.2551, 76.2267, 79.2589)
contains.

XYZ(73.2551, 76.2267, 79.2589)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.2551, 76.2267,
79.2589)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E1DD
RGB	232, 225, 221
RGB Percent	91%, 88%, 87%
CMY	0.0902, 0.1176, 0.1333
CMYK	0.00, 0.03, 0.05, 0.09
HSL	22°, 19%, 89%
HSV	22°, 5%, 91%
XYZ	73.2551, 76.2267, 79.2589
YIQ	226.6370, 5.4560, 0.2400

Conversions

Conversions Part 2

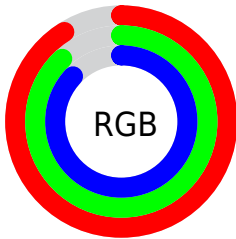
Format	Color
RYB	232, 227, 221
Decimal	15262173
CIELab	89.96, 1.68, 2.79
CIELCh	90, 3.255, 58.860
Yxy	76.2267, 0.3203, 0.3332
Android (android.graphics.Color)	4293452253 (0xFFE8E1DD)
YUV	226.6370, -2.7790, 4.7034
Hunter-Lab	87.3079, -3.0196, 7.2915

Details

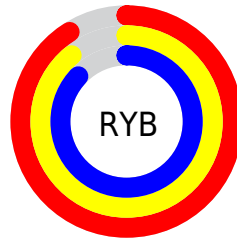
The XYZ color **73.2551, 76.2267, 79.2589** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.1277, 76.6841, 87.3449**, and the grayscale version is **72.7686, 76.5583, 83.3720**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1622, 40.7327, 41.8745** is the 20% darker color. If you saturate the color by 10%, you get **66.5578, 67.4410, 62.8156**, and if you desaturate by 10%, it is **80.7287, 85.8794, 98.0702**.

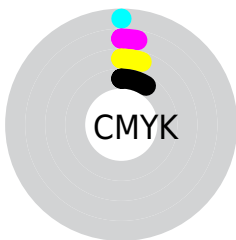
Distribution



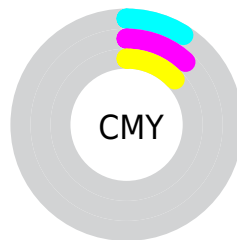
- Red (91%)
- Green (88%)
- Blue (87%)



- Red (91%)
- Yellow (89%)
- Blue (87%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (9%)



- Cyan (9%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2551, 76.2267, 79.2589 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 73.2551, 76.2267, 79.2589 by changing the saturation by 10% instead.

■ 73.2551, 76.2267,
79.2589

■ 73.2551, 76.2267,
79.2589

460.9886,
482.1234, 512.0725

■ 54.4737, 56.6184,
58.5861

122.8405,
128.0473, 134.1252

■ 39.2127, 40.6990,
41.8622

154.3752,
161.0284, 169.1559

■ 27.1067, 28.0839,
28.6687

190.8916,
199.2359, 209.8096

■ 17.7904, 18.3889,
18.5869

232.7553,
243.0543, 256.5048

■ 10.8984, 11.2296,
11.1984

280.3314,
292.8678, 309.6602

■ 6.0653, 6.2215,
6.0846

333.9855,

■ 2.9259, 2.9802,

349.0609, 369.6943

2.8270

394.0827,
412.0179, 437.0255

■ 1.1147, 1.1214,
1.0070

■ 0.0374, 0.0000,
0.0000

■ 73.2551, 76.2267,
79.2589

■ 73.2551, 76.2267,
79.2589

■ 66.5578, 67.4410,
62.8156

■ 80.7287, 85.8794,
98.0702

■ 60.6041, 59.4880,
48.6406

■ 86.9350, 95.5877,
108.4760

■ 55.3687, 52.3455,
36.6347

■ 87.0892, 95.8960,
108.5274

■ 50.8221, 45.9867,
26.6892

■ 46.9326, 40.3831,
18.6860

■ 43.6656, 35.5043,
12.4946

■ 40.9833, 31.3178,
7.9685

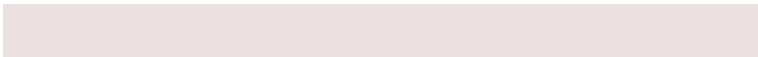
■ 38.8424, 27.7876,
4.9378

■ 37.1920, 24.8735,
3.1951

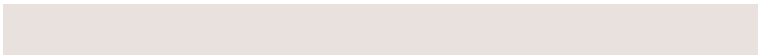
Harmonies

Analogous

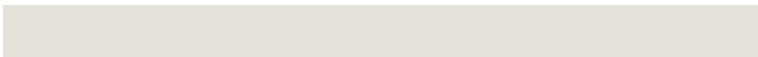
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.8162, 76.2267, 80.8752



73.2551, 76.2267, 79.2589



72.4820, 76.2267, 78.6415

Triad

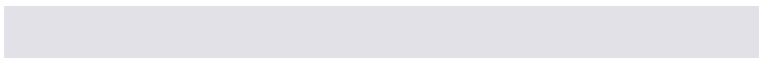
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.2551, 76.2267, 79.2589



70.9137, 76.2267, 82.9097



73.2014, 76.2267, 86.9437

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



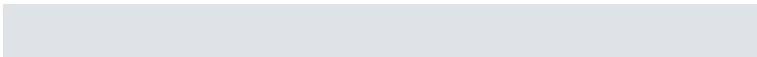
73.2551, 76.2267, 79.2589



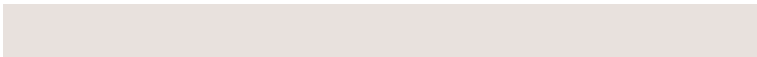
72.1277, 76.6841, 87.3449

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.4204, 76.2267, 87.5123



73.2551, 76.2267, 79.2589



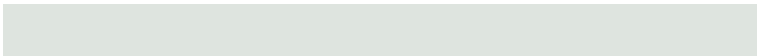
71.1032, 76.2267, 85.1574

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



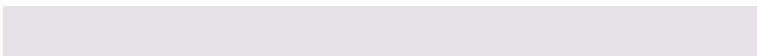
73.2551, 76.2267, 79.2589



71.1336, 76.2267, 80.7251



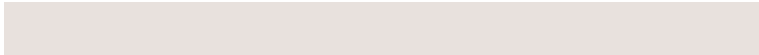
71.6532, 76.2267, 86.8527



73.7850, 76.2267, 85.3130

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



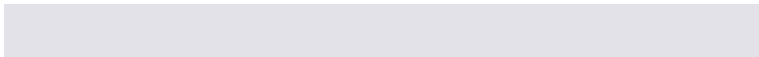
73.2551, 76.2267, 79.2589



71.9517, 76.2267, 78.8707



71.6532, 76.2267, 86.8527



72.9530, 76.2267, 87.2667

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



73.2572, 76.2300, 79.2605



94.1269, 98.8064, 106.5803



73.1607, 74.4797, 84.0291



20.1568, 21.1612, 22.8370



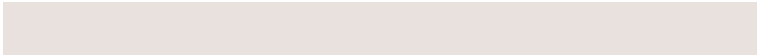
0.0000, 0.0000, 0.0000



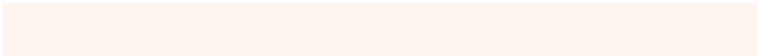
20.3446, 21.4041, 23.3091

Same Dimension

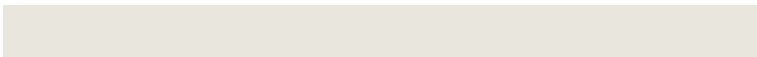
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.2572, 76.2300, 79.2605



89.6576, 93.0013, 95.4302



74.7252, 79.1660, 79.7499



15.2137, 15.7581, 16.0719



20.3639, 13.3019, 1.4942



1.5908, 1.1549, 0.1391

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



72.1277, 76.6841, 87.3449



87.8924, 93.7108, 108.0633



70.6797, 73.7880, 86.8623



14.8846, 15.8904, 18.4270



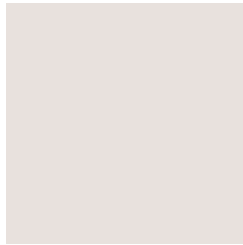
14.0501, 15.1624, 44.5693



1.1259, 1.2957, 3.3227

Previews

White Background



This preview shows how the XYZ color 73.2551, 76.2267, 79.2589 looks on a white background.

Color Contrast Check

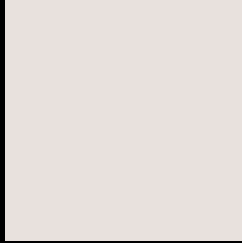
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 73.2551, 76.2267, 79.2589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

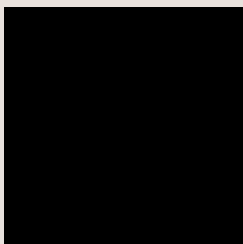
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

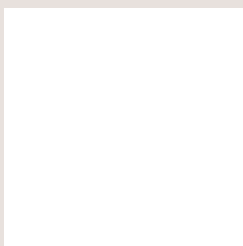
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2551, 76.2267, 79.2589

Background



This preview shows how black text looks on a background with the XYZ color 73.2551, 76.2267, 79.2589.



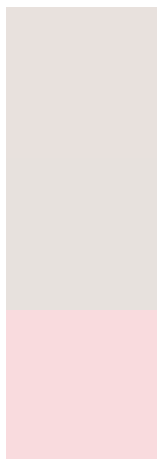
This preview shows how white text looks on a background with the XYZ color 73.2551, 76.2267,

79.2589.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

73.2551, 76.2267, 79.2589

Protanopia

72.9314, 76.0598, 79.2437

Deuteranopia

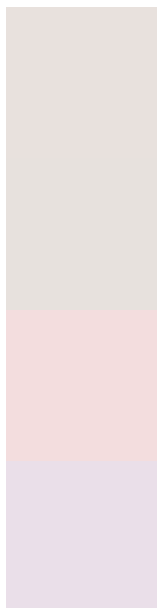
77.5833, 76.0767, 79.7024



Tritanopia

76.1104, 76.1960, 93.1339

Trichromacy



Original Color

73.2551, 76.2267, 79.2589

Protanomaly

72.9314, 76.0598, 79.2437

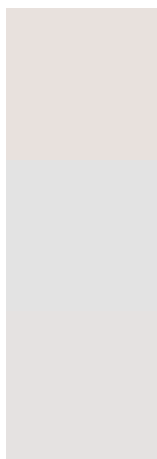
Deuteranomaly

76.0034, 76.0415, 79.7789

Tritanomaly

75.0273, 76.1510, 87.8350

Monochromacy



Original Color

73.2551, 76.2267, 79.2589

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.1001, 76.4870, 82.1448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2551, 76.2267, 79.2589 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(232, 225, 221) looks like.

```
.text, #text, p{  
    color:rgb(232, 225, 221)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(232, 225, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 225, 221) }
```

Border

The CSS property to change the border of an element to XYZ 73.2551, 76.2267, 79.2589 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(232, 225, 221) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(232, 225, 221) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(232, 225, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 225, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 225, 221);  
box-shadow:4px 4px 4px 4px rgb(232, 225,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2551, 76.2267, 79.2589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 225, 221) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(232,  
225, 221) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor