

Converting Colors

XYZ(73.3275, 77.7515, 77.1906)

Have a look what the booklet for
XYZ(73.3275, 77.7515, 77.1906)
contains.

XYZ(73.6292, 78.0895, 77.5218)	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(73.6292, 78.0895,
77.5218)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E5DA
RGB	231, 229, 218
RGB Percent	91%, 90%, 85%
CMY	0.0941, 0.1019, 0.1451
CMYK	0.00, 0.01, 0.06, 0.09
HSL	51°, 21%, 88%
HSV	51°, 6%, 91%
XYZ	73.6292, 78.0895, 77.5218
YIQ	228.3440, 4.7230, -2.9970

Conversions

Conversions Part 2

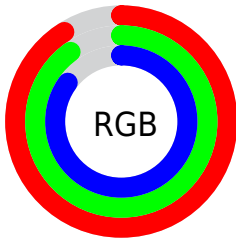
Format	Color
RYB	220, 231, 218
Decimal	15197658
CIELab	90.82, -1.23, 5.59
CIELCh	91, 5.720, 102.403
Yxy	78.0895, 0.3212, 0.3406
Android (android.graphics.Color)	4293387738 (0xFFE7E5DA)
YUV	228.3440, -5.0996, 2.3293
Hunter-Lab	88.3683, -5.9167, 9.8451

Details

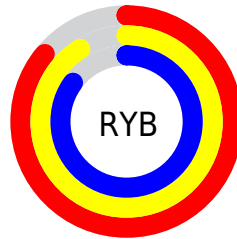
The XYZ color **73.6292, 78.0895, 77.5218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.9304, 71.8603, 85.8396**, and the grayscale version is **74.0302, 77.8856, 84.8174**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4261, 42.0304, 40.6850** is the 20% darker color. If you saturate the color by 10%, you get **69.8442, 75.0239, 62.3713**, and if you desaturate by 10%, it is **77.8600, 81.3705, 94.9013**.

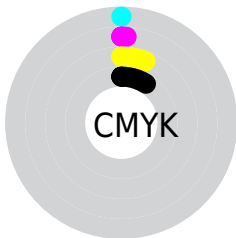
Distribution



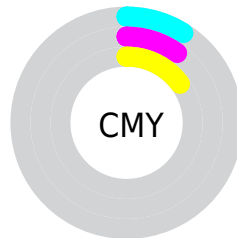
- Red (91%)
- Green (90%)
- Blue (85%)



- Red (86%)
- Yellow (91%)
- Blue (85%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (9%)



- Cyan (9%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6292, 78.0895, 77.5218 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 73.6292, 78.0895, 77.5218 by changing the saturation by 10% instead.

■ 73.6292, 78.0895,
77.5218

■ 73.6292, 78.0895,
77.5218

462.2627,
488.4707, 506.0261

■ 54.7808, 58.1475,
57.1671

123.3684,
130.6763, 131.6555

■ 39.4594, 41.9272,
40.7292

154.9898,
164.0899, 166.2716

■ 27.2996, 29.0443,
27.7894

191.5997,
202.7627, 206.4787

■ 17.9361, 19.1144,
17.9293

233.5634,
247.0793, 252.6951

■ 11.0036, 11.7529,
10.7303

281.2461,
297.4240, 305.3396

■ 6.1365, 6.5757,
5.7739

335.0134,

■ 2.9697, 3.1982,

354.1812, 364.8305

2.6416

395.2305,
417.7353, 431.5865

■ 1.1378, 1.2361,
0.9138

■ 0.0564, 0.0909,
0.0000

■ 73.6292, 78.0895,
77.5218

■ 73.6292, 78.0895,
77.5218

■ 69.8442, 75.0239,
62.3713

■ 77.8600, 81.3705,
94.9013

■ 66.4809, 72.1565,
49.3535

■ 81.0291, 84.2565,
106.6002

■ 63.5230, 69.4828,
38.3724

■ 82.0609, 86.3201,
106.9441

■ 60.9504, 66.9948,
29.3229

■ 83.1130, 88.4244,
107.2948

■ 58.7411, 64.6834,
22.0902

■ 84.1857, 90.5698,
107.6524

■ 56.8710, 62.5388,
16.5477

■ 85.2790, 92.7564,
108.0168

■ 55.3127, 60.5499,
12.5521

■ 86.3931, 94.9845,
108.3882

■ 54.0345, 58.7037,
9.9366

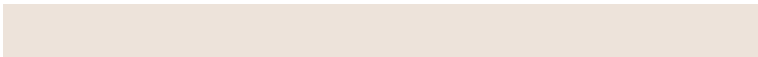
■ 86.7654, 95.7291,
108.5123

■ 52.9973, 56.9844,
8.4959

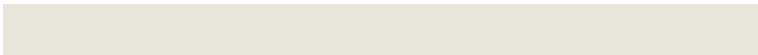
Harmonies

Analogous

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



75.0611, 78.0895, 77.6966



73.6292, 78.0895, 77.5218



72.3721, 78.0895, 79.3099

Triad

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



73.6292, 78.0895, 77.5218



72.1980, 78.0895, 90.4807



76.8896, 78.0895, 87.4435

Complementary

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



73.6292, 78.0895, 77.5218



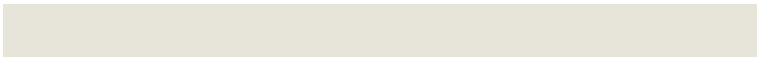
68.9304, 71.8603, 85.8396

Split Complementary

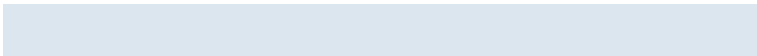
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.1026, 78.0895, 91.0108



73.6292, 78.0895, 77.5218



73.3887, 78.0895, 92.8028

Square

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



73.6292, 78.0895, 77.5218



71.5529, 78.0895, 86.7391



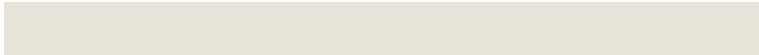
74.8174, 78.0895, 92.9999



76.9561, 78.0895, 83.3360

Rectangle

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



73.6292, 78.0895, 77.5218



71.7973, 78.0895, 81.4091



74.8174, 78.0895, 92.9999



76.7001, 78.0895, 88.7489

Sweetspot

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



73.6314, 78.0929, 77.5235



93.9904, 99.1773, 104.5496



70.9678, 72.3091, 78.0437



20.1289, 21.2367, 22.4235



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.



73.6314, 78.0929, 77.5235



91.4400, 97.1673, 94.1715



72.8053, 78.4915, 77.6440



15.5598, 16.5460, 15.8923



29.5573, 31.6888, 4.5587



2.2353, 2.4440, 0.3539

Inverse Universe

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



68.9304, 71.8603, 85.8396



84.1530, 87.5059, 107.0627



69.7227, 71.4958, 85.7275



14.2286, 14.7810, 18.2474



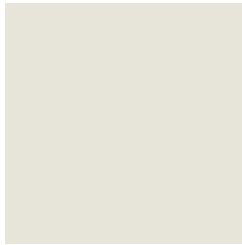
8.4874, 4.0369, 42.7150



0.6825, 0.4090, 3.1749

Previews

White Background



This preview shows how the XYZ color 73.6292, 78.0895, 77.5218 looks on a white background.

Color Contrast Check

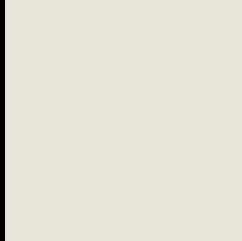
Large Text (above 18pt) WCAG AA × Fail

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 73.6292, 78.0895, 77.5218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

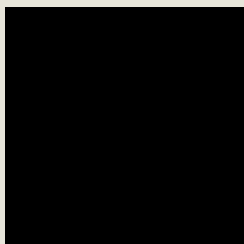
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

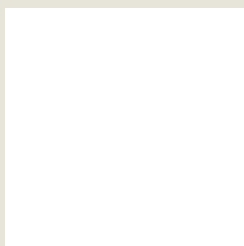
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.6292, 78.0895, 77.5218

Background



This preview shows how black text looks on a background with the XYZ color 73.6292, 78.0895, 77.5218.

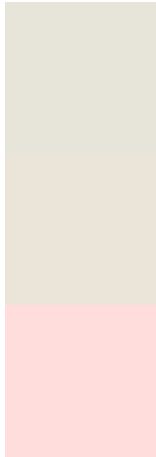


This preview shows how white text looks on a background with the XYZ color 73.6292, 78.0895,

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

73.6292, 78.0895, 77.5218

Protanopia

74.5287, 78.1587, 76.8037

Deuteranopia

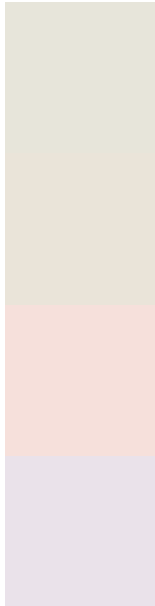
79.6478, 77.9510, 78.5583



Tritanopia

77.3638, 77.9837, 95.7689

Trichromacy



Original Color

73.6292, 78.0895, 77.5218

Protanomaly

74.1995, 77.9890, 76.7883

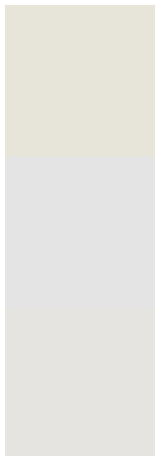
Deuteranomaly

77.4479, 78.0186, 77.9950

Tritanomaly

75.9793, 77.8257, 88.8592

Monochromacy



Original Color

73.6292, 78.0895, 77.5218

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.5110, 77.5266, 81.6107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6292, 78.0895, 77.5218 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(231, 229, 218) looks like.

```
.text, #text, p{  
    color:rgb(231, 229, 218)  
}
```

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(231, 229, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 229, 218) }
```

Border

The CSS property to change the border of an element to XYZ 73.6292, 78.0895, 77.5218 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(231, 229, 218) }
```


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

```
.border{ border-color:rgb(231, 229, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 229, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 229, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 229, 218);  
box-shadow:4px 4px 4px 4px rgb(231, 229,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6292, 78.0895, 77.5218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 229, 218) }
```

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

```
.background{ background-color: rgb(231,  
229, 218) }
```

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