

Converting Colors

XYZ(73.7093, 77.8095, 76.8879)

Have a look what the booklet for
XYZ(73.7093, 77.8095, 76.8879)
contains.

XYZ(73.5465, 77.6524, 76.7577)	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(73.5465, 77.6524,
76.7577)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E4D9
RGB	232, 228, 217
RGB Percent	91%, 89%, 85%
CMY	0.0902, 0.1059, 0.1490
CMYK	0.00, 0.02, 0.06, 0.09
HSL	44°, 25%, 88%
HSV	44°, 6%, 91%
XYZ	73.5465, 77.6524, 76.7577
YIQ	227.9420, 5.9150, -2.5730

Conversions

Conversions Part 2

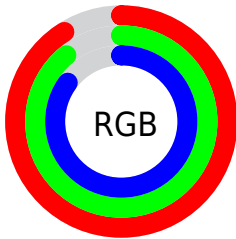
Format	Color
R _Y B	222, 232, 217
Decimal	15262937
CIE Lab	90.62, -0.54, 5.83
CIE LCh	91, 5.855, 95.290
Yxy	77.6524, 0.3226, 0.3406
Android (android.graphics.Color)	4293453017 (0xFFE8E4D9)
YUV	227.9420, -5.3944, 3.5589
Hunter-Lab	88.1206, -5.2328, 10.0397

Details

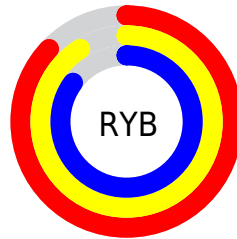
The XYZ color **73.5465, 77.6524, 76.7577** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.0371, 72.2896, 86.6594**, and the grayscale version is **73.7374, 77.5775, 84.4819**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3697, 41.7259, 40.1613** is the 20% darker color. If you saturate the color by 10%, you get **69.0695, 73.1922, 61.4093**, and if you desaturate by 10%, it is **78.5129, 82.4106, 94.3640**.

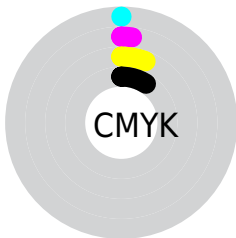
Distribution



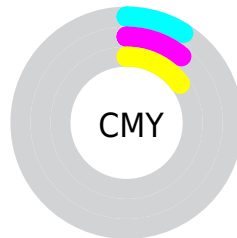
- Red (91%)
- Green (89%)
- Blue (85%)



- Red (87%)
- Yellow (91%)
- Blue (85%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (9%)



- Cyan (9%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5465, 77.6524, 76.7577 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 73.5465, 77.6524, 76.7577 by changing the saturation by 10% instead.

■ 73.5465, 77.6524,
76.7577

■ 73.5465, 77.6524,
76.7577

461.9812,
486.9855, 503.3532

■ 54.7129, 57.7885,
56.5437

123.2517,
130.0600, 130.5673

■ 39.4048, 41.6386,
40.2321

154.8540,
163.3725, 164.9999

■ 27.2570, 28.8184,
27.4044

191.4432,
201.9366, 205.0091

■ 17.9039, 18.9435,
17.6420

233.3848,
246.1367, 251.0135

■ 10.9803, 11.6295,
10.5265

281.0440,
296.3573, 303.4315

■ 6.1208, 6.4919,
5.6393

334.7863,

■ 2.9600, 3.1464,

352.9827, 362.6818

2.5618

394.9769,
416.3973, 429.1829

■ 1.1327, 1.2087,
0.8726

■ 0.0522, 0.0688,
0.0000

■ 73.5465, 77.6524,
76.7577

■ 73.5465, 77.6524,
76.7577

■ 69.0695, 73.1922,
61.4093

■ 78.5129, 82.4106,
94.3640

■ 65.0571, 69.0116,
48.2209

■ 82.5968, 86.9115,
107.0300

■ 61.4921, 65.1052,
37.0947

■ 84.4509, 90.6197,
107.6481

■ 58.3535, 61.4636,
27.9236

■ 86.3676, 94.4531,
108.2869

■ 55.6185, 58.0765,
20.5907

■ 87.0891, 95.8960,
108.5274

■ 53.2619, 54.9328,
14.9663

■ 51.2552, 52.0201,
10.9039

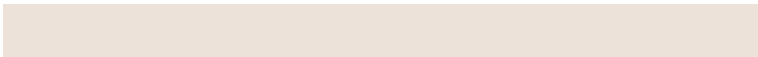
■ 49.5652, 49.3240,
8.2323

■ 48.1503, 46.8266,
6.7361

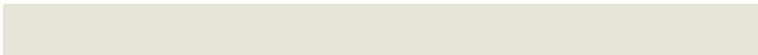
Harmonies

Analogous

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



74.9919, 77.6524, 77.4210



73.5465, 77.6524, 76.7577



72.1885, 77.6524, 78.1255

Triad

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



73.5465, 77.6524, 76.7577



71.5274, 77.6524, 89.3043



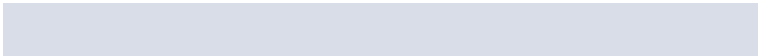
76.3988, 77.6524, 87.9729

Complementary

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



73.5465, 77.6524, 76.7577



69.0371, 72.2896, 86.6594

Split Complementary

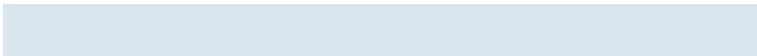
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.4481, 77.6524, 91.3180



73.5465, 77.6524, 76.7577



72.6332, 77.6524, 92.1043

Square

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



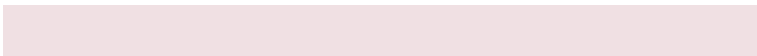
73.5465, 77.6524, 76.7577



71.0327, 77.6524, 85.2973



74.0667, 77.6524, 92.8532



76.6512, 77.6524, 83.8076

Rectangle

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



73.5465, 77.6524, 76.7577



71.5114, 77.6524, 80.0326



74.0667, 77.6524, 92.8532



76.1497, 77.6524, 89.2349

Sweetspot

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



73.5487, 77.6558, 76.7594



93.8078, 98.8121, 104.4887



71.1437, 72.0031, 78.5560



20.0918, 21.1624, 22.4111



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.



73.5487, 77.6558, 76.7594



90.2286, 95.3369, 91.9409



73.5357, 79.2998, 77.0774



15.2598, 16.1335, 15.2143



26.5850, 25.7442, 3.5679



2.0398, 2.0529, 0.2887

Inverse Universe

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



69.0371, 72.2896, 86.6594



83.3491, 87.1543, 107.0372



69.0461, 70.7468, 86.3612



13.8935, 14.5085, 18.2125



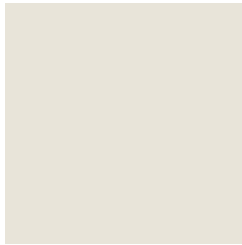
9.1247, 5.3115, 42.9275



0.7491, 0.5420, 3.1971

Previews

White Background



This preview shows how the XYZ color 73.5465, 77.6524, 76.7577 looks on a white background.

Color Contrast Check

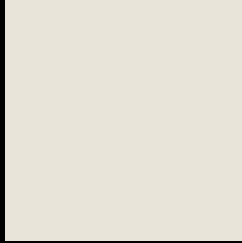
Large Text (above 18pt) WCAG AA × Fail

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 73.5465, 77.6524, 76.7577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

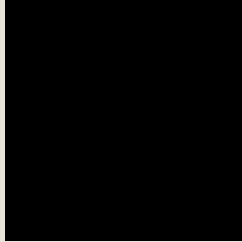
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

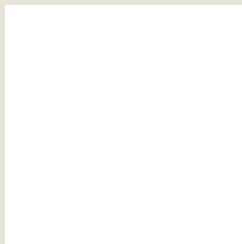
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.5465, 77.6524, 76.7577

Background



This preview shows how black text looks on a background with the XYZ color 73.5465, 77.6524, 76.7577.

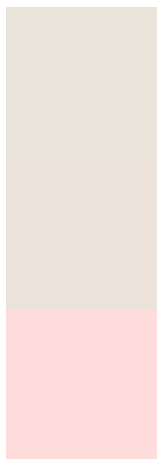


This preview shows how white text looks on a background with the XYZ color 73.5465, 77.6524,

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

73.5465, 77.6524, 76.7577

Protanopia

74.2544, 77.6101, 76.7123

Deuteranopia

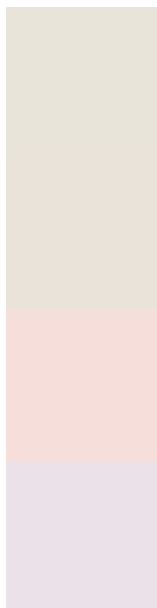
79.2524, 77.3717, 77.7750



Tritanopia

77.2747, 77.5550, 94.9012

Trichromacy



Original Color

73.5465, 77.6524, 76.7577

Protanomaly

73.9252, 77.4403, 76.6968

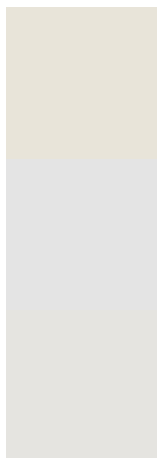
Deuteranomaly

77.0486, 77.4301, 77.2143

Tritanomaly

75.8941, 77.3958, 88.0296

Monochromacy



Original Color

73.5465, 77.6524, 76.7577

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 73.5465, 77.6524, 76.7577 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, 228, 217) looks like.

```
.text, #text, p{  
    color:rgb(232, 228, 217)  
}
```

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, 228, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 228, 217) }
```

Border

The CSS property to change the border of an element to XYZ 73.5465, 77.6524, 76.7577 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, 228, 217) }
```


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

```
.border{ border-color:rgb(232, 228, 217) }
```

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

Here you see how a box with a 4 pixel rgb(232, 228, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 228, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 228, 217);  
box-shadow:4px 4px 4px 4px rgb(232, 228,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5465, 77.6524, 76.7577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 228, 217) }
```

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

```
.background{ background-color: rgb(232,  
228, 217) }
```

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