

Converting Colors

XYZ(72.0820, 73.8428, 73.5575)

Have a look what the booklet for XYZ(72.0820, 73.8428, 73.5575) contains.

- XYZ(71.8644, 73.6527, 73.3795) 3**
- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**XYZ(71.8644, 73.6527,
73.3795)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDCD5
RGB	235, 220, 213
RGB Percent	92%, 86%, 84%
CMY	0.0784, 0.1372, 0.1647
CMYK	0.00, 0.06, 0.09, 0.08
HSL	19°, 35%, 88%
HSV	19°, 9%, 92%
XYZ	71.8644, 73.6527, 73.3795
YIQ	223.6870, 11.1870, 1.0030

Conversions

Conversions Part 2

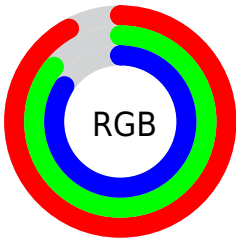
Format	Color
R _Y B	235, 223, 213
Decimal	15457493
CIE Lab	88.76, 3.96, 5.27
CIE LCh	89, 6.593, 53.048
Yxy	73.6527, 0.3283, 0.3365
Android (android.graphics.Color)	4293647573 (0xFFEBDCD5)
YUV	223.6870, -5.2687, 9.9215
Hunter-Lab	85.8212, -0.7158, 9.3802

Details

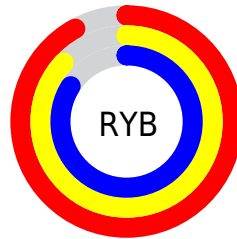
The XYZ color **71.8644, 73.6527, 73.3795** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.1791, 75.6297, 89.4972**, and the grayscale version is **70.6607, 74.3406, 80.9569**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2171, 38.9626, 37.8540** is the 20% darker color. If you saturate the color by 10%, you get **65.0911, 64.5381, 57.4564**, and if you desaturate by 10%, it is **79.4770, 83.7523, 91.7165**.

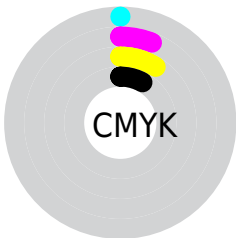
Distribution



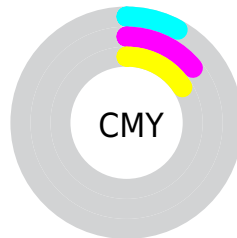
- Red (92%)
- Green (86%)
- Blue (84%)



- Red (92%)
- Yellow (87%)
- Blue (84%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (8%)



- Cyan (8%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.8644, 73.6527, 73.3795 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 71.8644, 73.6527, 73.3795 by changing the saturation by 10% instead.

71.8644, 73.6527,
73.3795

71.8644, 73.6527,
73.3795

456.2344,
473.2739, 491.4350

53.3330, 54.5098,
53.7926

120.8756,
124.4034, 125.7417

38.2972, 39.0094,
38.0438

152.0860,
156.7799, 159.3541

26.3917, 26.7671,
25.7146

188.2535,
194.3366, 198.4788

17.2511, 17.3983,
16.3864

229.7435,
237.4576, 243.5343

10.5101, 10.5189,
9.6407

276.9212,
286.5274, 294.9391

5.8033, 5.7443,
5.0589

330.1520,

2.7654, 2.6903,

341.9305, 353.1118

2.2225

389.8013,
404.0512, 418.4710

■ 1.0309, 0.9722,
0.6873

■ 0.0000, 0.0000,
0.0000

■ 71.8644, 73.6527,
73.3795

■ 71.8644, 73.6527,
73.3795

■ 65.0911, 64.5381,
57.4564

■ 79.4770, 83.7523,
91.7165

■ 59.1210, 56.3690,
43.8413

■ 87.1349, 94.5296,
108.2613

■ 53.9248, 49.1169,
32.4273

■ 88.0713, 96.4023,
108.5734

■ 49.4684, 42.7488,
23.0972

■ 45.7154, 37.2290,
15.7227

■ 42.6258, 32.5197,
10.1614

■ 40.1550, 28.5795,
6.2508

■ 38.2518, 25.3627,
3.7991

■ 36.8431, 22.8128,
2.5046

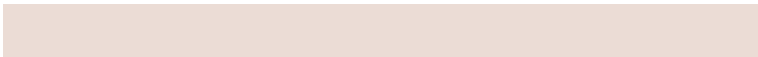
Harmonies

Analogous

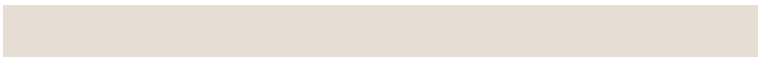
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.8646, 73.6527, 76.8058



71.8644, 73.6527, 73.3795



70.3765, 73.6527, 71.7893

Triad

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



71.8644, 73.6527, 73.3795



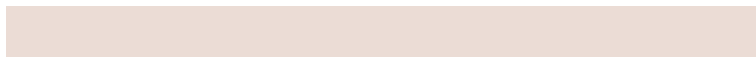
67.0045, 73.6527, 79.1369



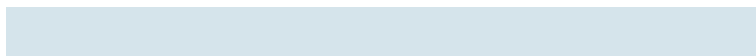
71.2122, 73.6527, 88.5513

Complementary

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



71.8644, 73.6527, 73.3795



70.1791, 75.6297, 89.4972

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.



69.6342, 73.6527, 89.2330



71.8644, 73.6527, 73.3795



67.2206, 73.6527, 83.6831

Square

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



71.8644, 73.6527, 73.3795



67.5825, 73.6527, 75.0307



68.1773, 73.6527, 87.4205



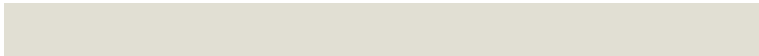
72.4841, 73.6527, 85.5916

Rectangle

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



71.8644, 73.6527, 73.3795



69.3146, 73.6527, 71.9401



68.1773, 73.6527, 87.4205



70.6993, 73.6527, 89.0590

Sweetspot

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



71.8664, 73.6559, 73.3811



92.2016, 96.2351, 101.9948



72.0643, 70.8550, 83.3021



19.5754, 20.3868, 21.4459



0.0000, 0.0000, 0.0000



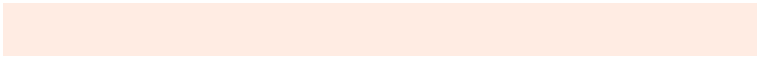
20.3446, 21.4041, 23.3091

Same Dimension

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



71.8664, 73.6559, 73.3811



85.0593, 86.7254, 84.8934



74.8386, 79.6003, 74.3718



15.4569, 15.8368, 15.7609



20.5629, 12.8200, 1.3907



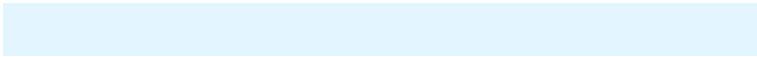
1.6985, 1.1743, 0.1371

Inverse Universe

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



70.1791, 75.6297, 89.4972



82.6897, 89.4966, 107.5241



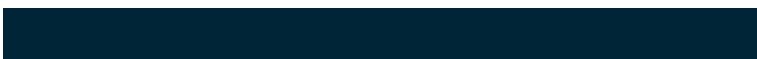
67.2584, 69.7882, 88.5236



15.0898, 16.2661, 19.2666



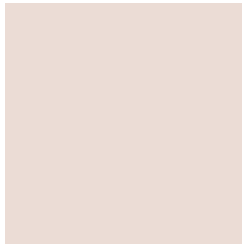
15.4792, 17.6055, 46.3253



1.3015, 1.5544, 3.6663

Previews

White Background



This preview shows how the XYZ color 71.8644, 73.6527, 73.3795 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 71.8644, 73.6527, 73.3795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

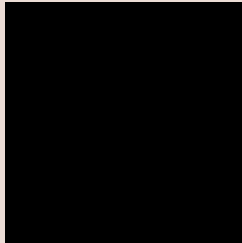
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

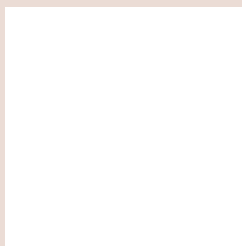
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.8644, 73.6527, 73.3795

Background



This preview shows how black text looks on a background with the XYZ color 71.8644, 73.6527, 73.3795.



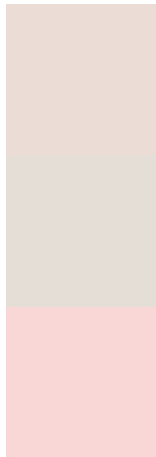
This preview shows how white text looks on a background with the XYZ color 71.8644, 73.6527,

73.3795.

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

71.8644, 73.6527, 73.3795

Protanopia

70.5720, 73.7556, 74.1350

Deuteranopia

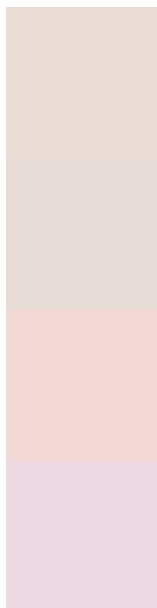
75.1494, 73.4124, 73.8275



Tritanopia

74.9240, 73.7434, 88.1269

Trichromacy



Original Color

71.8644, 73.6527, 73.3795

Protanomaly

70.9490, 73.5569, 74.0768

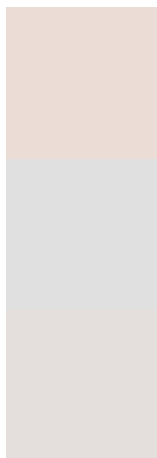
Deuteranomaly

73.9126, 73.5354, 73.9165

Tritanomaly

73.7239, 73.6383, 82.2795

Monochromacy



Original Color

71.8644, 73.6527, 73.3795

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.3009, 74.4366, 78.3199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8644, 73.6527, 73.3795 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(235, 220, 213) looks like.

```
.text, #text, p{  
    color:rgb(235, 220, 213)  
}
```

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(235, 220, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 220, 213) }
```

Border

The CSS property to change the border of an element to XYZ 71.8644, 73.6527, 73.3795 is called "border". The border property can be set on classes, ids or directly on the HTML element.

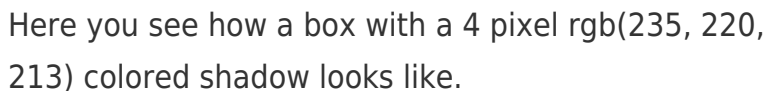
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 220, 213) }
```


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

```
.border{ border-color:rgb(235, 220, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 220, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 220, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 220, 213); box-shadow:4px 4px 4px 4px rgb(235, 220, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8644, 73.6527, 73.3795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 220, 213) }
```

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

```
.background{ background-color: rgb(235,  
220, 213) }
```

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](#).

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