

Converting Colors

XYZ(71.9211, 79.6002, 50.3042)

Have a look what the booklet for
XYZ(71.9211, 79.6002, 50.3042)
contains.

XYZ(71.7495, 79.3952, 50.0713)	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(71.7495, 79.3952,
50.0713)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE9AB
RGB	238, 233, 171
RGB Percent	93%, 91%, 67%
CMY	0.0667, 0.0863, 0.3294
CMYK	0.00, 0.02, 0.28, 0.07
HSL	56°, 66%, 80%
HSV	56°, 28%, 93%
XYZ	71.7495, 79.3952, 50.0713
YIQ	227.4270, 22.8820, -18.2220

Conversions

Conversions Part 2

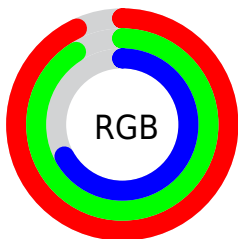
Format	Color
RYB	176, 238, 171
Decimal	15657387
CIELab	91.41, -7.72, 30.82
CIELCh	91, 31.774, 104.066
Yxy	79.3952, 0.3566, 0.3946
Android (android.graphics.Color)	4293847467 (0xFFEEE9AB)
YUV	227.4270, -27.8185, 9.2725
Hunter-Lab	89.1040, -12.1978, 29.0552

Details

The XYZ color **71.7495, 79.3952, 50.0713** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **47.7524, 45.8806, 87.2282**, and the grayscale version is **73.5110, 77.3392, 84.2224**.

A 20% lighter version of the original color is **90.8651, 98.3261, 86.8628**, and **38.0482, 42.5760, 23.3522** is the 20% darker color. If you saturate the color by 10%, you get **69.1832, 77.5718, 39.0135**, and if you desaturate by 10%, it is **74.7334, 81.3993, 63.2854**.

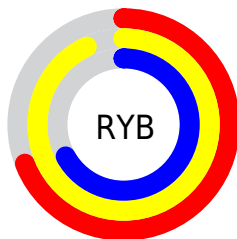
Distribution



Red (93%)

Green (91%)

Blue (67%)



Red (69%)

Yellow (93%)

Blue (67%)

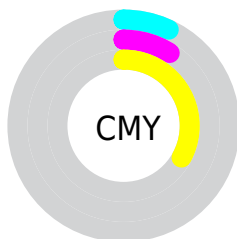


Cyan (0%)

Magenta (2%)

Yellow (28%)

Black (7%)



Cyan (7%)

Magenta (9%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7495, 79.3952, 50.0713 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 71.7495, 79.3952, 50.0713 by changing the saturation by 10% instead.

71.7495, 79.3952,
50.0713

71.7495, 79.3952,
50.0713

455.8404,
492.8923, 403.6878

53.2388, 59.2208,
35.0985

120.7130,
132.5151, 91.6779

38.2217, 42.7909,
23.4546

151.8966,
166.2293, 119.1488

26.3328, 29.7211,
14.7211

188.0352,
205.2257, 151.6227

17.2067, 19.6270,
8.4794

229.4941,
249.8885, 189.5183

10.4782, 12.1242,
4.3111

276.6387,
300.6021, 233.2540

5.7819, 6.8283,
1.7975

329.8344,

2.7523, 3.3550,

357.7511, 283.2485

0.4263

389.4465,
421.7197, 339.9202

■ 1.0242, 1.3197,
0.0000

■ 0.0000, 0.1564,
0.0000

■ 71.7495, 79.3952,
50.0713

■ 71.7495, 79.3952,
50.0713

■ 69.1832, 77.5718,
39.0135

■ 74.7334, 81.3993,
63.2854

■ 67.0065, 75.9096,
29.9915

■ 78.1492, 83.5814,
78.7576

■ 65.1974, 74.4024,
22.8807

■ 82.0178, 85.9528,
96.5893

■ 63.7293, 73.0396,
17.5406

■ 84.5004, 87.7779,
107.0969

■ 62.5719, 71.8091,
13.8117

■ 85.0255, 88.8282,
107.2720

■ 61.6893, 70.6965,
11.5057

■ 85.5558, 89.8888,
107.4487

■ 61.0316, 69.6818,
10.3596

■ 86.0912, 90.9597,
107.6272

■ 60.9211, 69.4994,
10.2038

■ 86.6318, 92.0408,
107.8074

■ 87.1776, 93.1323,
107.9893

Harmonies

Analogous

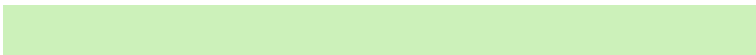
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8089, 79.3952, 50.3327



71.7495, 79.3952, 50.0713



65.1650, 79.3952, 58.2556

Triad

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



71.7495, 79.3952, 50.0713



64.8406, 79.3952, 121.2329



91.4098, 79.3952, 99.2478

Complementary

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



71.7495, 79.3952, 50.0713



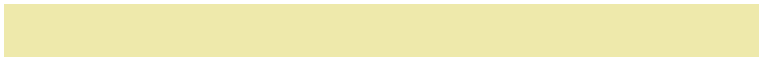
47.7524, 45.8806, 87.2282

Split Complementary

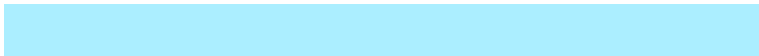
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.7920, 79.3952, 122.5231



71.7495, 79.3952, 50.0713



71.2773, 79.3952, 136.6803

Square

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



71.7495, 79.3952, 50.0713



61.3731, 79.3952, 97.7189



79.3020, 79.3952, 137.1906



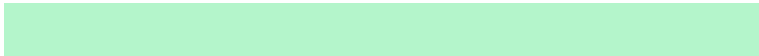
91.5589, 79.3952, 76.0787

Rectangle

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



71.7495, 79.3952, 50.0713



62.3354, 79.3952, 68.4119



79.3020, 79.3952, 137.1906



90.3147, 79.3952, 107.4041

Sweetspot

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



71.7515, 79.3988, 50.0730



91.4544, 97.7886, 92.3495



57.7179, 50.4617, 48.0766



19.4385, 20.8452, 19.1433



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

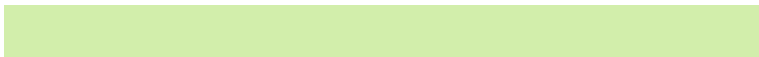
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.7515, 79.3988, 50.0730



82.0686, 91.5638, 50.5406



64.5279, 77.8037, 50.1458



17.0162, 18.2455, 16.7746



34.0300, 38.8580, 5.7068



2.8608, 3.2923, 0.4847

Inverse Universe

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



47.7524, 45.8806, 87.2282



49.5463, 46.1456, 100.9034



53.5275, 47.4306, 87.2230



14.9919, 15.4179, 19.9074



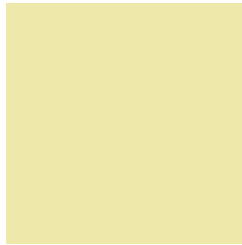
8.7627, 3.7497, 45.3898



0.7617, 0.3773, 3.7869

Previews

White Background



This preview shows how the XYZ color 71.7495, 79.3952, 50.0713 looks on a white background.

Color Contrast Check

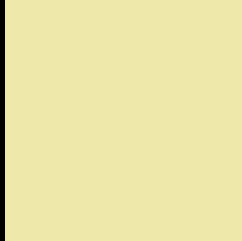
Large Text (above 18pt) WCAG AA × Fail

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 71.7495, 79.3952, 50.0713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

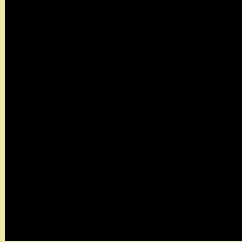
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

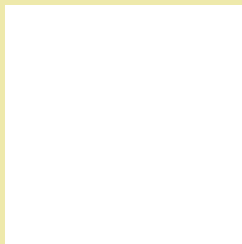
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.7495, 79.3952, 50.0713

Background



This preview shows how black text looks on a background with the XYZ color 71.7495, 79.3952, 50.0713.



This preview shows how white text looks on a background with the XYZ color 71.7495, 79.3952,

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

71.7495, 79.3952, 50.0713

Protanopia

73.9103, 79.2701, 49.4354

Deuteranopia

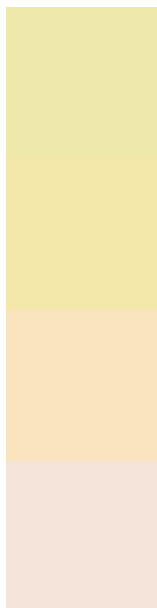
78.5905, 79.2806, 65.8041



Tritanopia

80.8906, 79.4363, 94.2884

Trichromacy



Original Color

71.7495, 79.3952, 50.0713

Protanomaly

73.1398, 79.2872, 49.4793

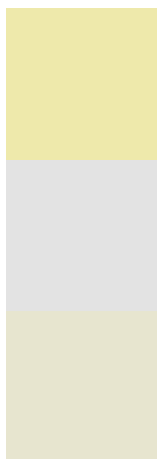
Deuteranomaly

75.9956, 79.3007, 59.4453

Tritanomaly

77.1720, 79.1291, 76.1718

Monochromacy



Original Color

71.7495, 79.3952, 50.0713

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.2368, 77.5325, 70.1895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7495, 79.3952, 50.0713 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(238, 233, 171)` looks like.

```
.text, #text, p{  
    color:rgb(238, 233, 171)  
}
```

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(238, 233, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 233, 171) }
```

Border

The CSS property to change the border of an element to XYZ 71.7495, 79.3952, 50.0713 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(238, 233, 171) }
```


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

```
.border{ border-color:rgb(238, 233, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 233, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 233, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 233, 171);  
box-shadow:4px 4px 4px 4px rgb(238, 233,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7495, 79.3952, 50.0713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 233, 171) }
```

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

```
.background{ background-color: rgb(238,  
233, 171) }
```

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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