

Converting Colors

XYZ(65.7412, 69.0591, 50.9391)

Have a look what the booklet for
XYZ(65.7412, 69.0591, 50.9391)
contains.

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Color

**XYZ(65.7412, 69.0591,
50.9391)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D7B0
RGB	233, 215, 176
RGB Percent	91%, 84%, 69%
CMY	0.0863, 0.1568, 0.3098
CMYK	0.00, 0.08, 0.24, 0.09
HSL	41°, 56%, 80%
HSV	41°, 24%, 91%
XYZ	65.7412, 69.0591, 50.9391
YIQ	215.9360, 23.2470, -8.3130

Conversions

Conversions Part 2

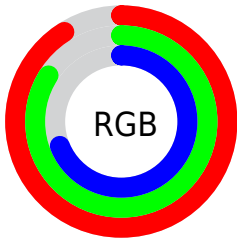
Format	Color
R _Y B	202, 233, 176
Decimal	15325104
CIE Lab	86.53, 0.23, 21.52
CIE LCh	87, 21.523, 89.387
Yxy	69.0591, 0.3539, 0.3718
Android (android.graphics.Color)	4293515184 (0xFFE9D7B0)
YUV	215.9360, -19.6884, 14.9651
Hunter-Lab	83.1018, -4.2182, 21.8281

Details

The XYZ color **65.7412, 69.0591, 50.9391** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.9040, 53.6956, 84.7198**, and the grayscale version is **65.3469, 68.7501, 74.8688**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **34.2774, 35.9188, 23.8653** is the 20% darker color. If you saturate the color by 10%, you get **61.8002, 64.5550, 39.2111**, and if you desaturate by 10%, it is **70.1658, 73.8962, 64.7820**.

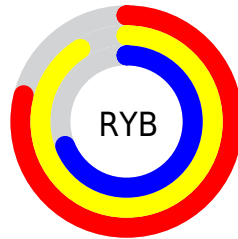
Distribution



Red (91%)

Green (84%)

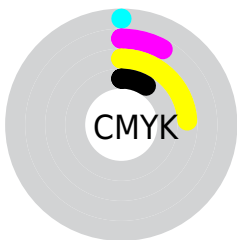
Blue (69%)



Red (79%)

Yellow (91%)

Blue (69%)

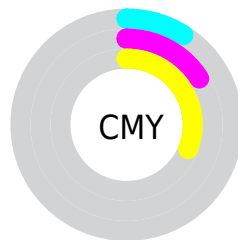


Cyan (0%)

Magenta (8%)

Yellow (24%)

Black (9%)



Cyan (9%)

Magenta (16%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7412, 69.0591, 50.9391 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 65.7412, 69.0591, 50.9391 by changing the saturation by 10% instead.

65.7412, 69.0591,
50.9391

65.7412, 69.0591,
50.9391

434.9540,
457.2394, 407.1669

48.3293, 50.7598,
35.7838

112.1746,
117.8660, 92.9753

34.3001, 36.0175,
23.9789

141.9268,
149.1424, 120.6933

23.2882, 24.4477,
15.1059

176.5231,
185.5133, 153.4359

14.9283, 15.6661,
8.7463

216.3289,
227.3632, 191.6216

8.8551, 9.2882,
4.4815

261.7095,
275.0763, 235.6690

4.7031, 4.9296,
1.8930

313.0303,

2.1071, 2.2060,

329.0371, 285.9967

0.4883

370.6567,
389.6300, 343.0232

■ 0.6931, 0.7233,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.7412, 69.0591,
50.9391

■ 65.7412, 69.0591,
50.9391

■ 61.8002, 64.5550,
39.2111

■ 70.1658, 73.8962,
64.7820

■ 58.3161, 60.3643,
29.4870

■ 75.0884, 79.0666,
80.8348

■ 55.2675, 56.4790,
21.6520

■ 80.5294, 84.5825,
99.1916

■ 52.6291, 52.8872,
15.5779

■ 84.1345, 89.5038,
107.4493

■ 50.3724, 49.5756,
11.1203

■ 86.3975, 94.0298,
108.2037

■ 48.4644, 46.5292,
8.1119

■ 87.4144, 96.0637,
108.5427

■ 46.8652, 43.7300,
6.3481

■ 46.0786, 42.2721,
5.7307

Harmonies

Analogous

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



70.6440, 69.0591, 53.9477



65.7412, 69.0591, 50.9391



61.0445, 69.0591, 53.7126

Triad

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



65.7412, 69.0591, 50.9391



57.6326, 69.0591, 89.4915



74.2423, 69.0591, 90.0640

Complementary

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



65.7412, 69.0591, 50.9391



51.9040, 53.6956, 84.7198

Split Complementary

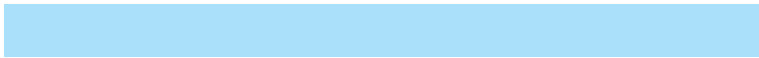
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.4576, 69.0591, 101.7515



65.7412, 69.0591, 50.9391



60.8754, 69.0591, 101.3927

Square

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



65.7412, 69.0591, 50.9391



56.5090, 69.0591, 74.9003



65.5361, 69.0591, 106.1346



75.7021, 69.0591, 75.4877

Rectangle

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



65.7412, 69.0591, 50.9391



58.6247, 69.0591, 58.6957



65.5361, 69.0591, 106.1346



73.1907, 69.0591, 94.5251

Sweetspot

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



65.7430, 69.0622, 50.9405



90.5365, 95.3602, 93.8703



58.8735, 52.2725, 58.0558



19.2984, 20.3275, 19.8287



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.



65.7430, 69.0622, 50.9405



78.3449, 82.1167, 55.4639



67.2689, 77.0295, 52.3980



15.9276, 16.7783, 15.9178



26.2619, 24.2180, 3.2904



2.1478, 2.0730, 0.2869

Inverse Universe

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



51.9040, 53.6956, 84.7198



58.8050, 60.4242, 103.1714



50.5933, 47.4304, 83.5796



14.6193, 15.3250, 19.1097



9.8166, 6.2802, 44.4378



0.8543, 0.6601, 3.5173

Previews

White Background



This preview shows how the XYZ color 65.7412, 69.0591, 50.9391 looks on a white background.

Color Contrast Check

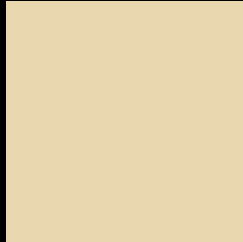
Large Text (above 18pt) WCAG AA × Fail

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 65.7412, 69.0591, 50.9391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

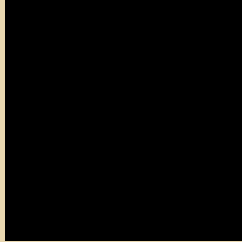
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7412, 69.0591, 50.9391

Background



This preview shows how black text looks on a background with the XYZ color 65.7412, 69.0591, 50.9391.



This preview shows how white text looks on a background with the XYZ color 65.7412, 69.0591,

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

65.7412, 69.0591, 50.9391

Protanopia

64.8048, 68.9441, 51.4869

Deuteranopia

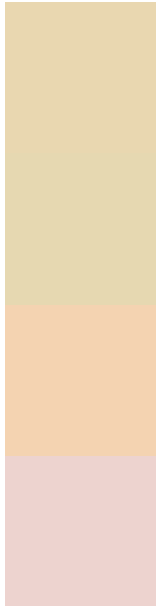
70.2753, 68.7953, 51.1699



Tritanopia

71.7431, 68.8987, 80.7517

Trichromacy



Original Color

65.7412, 69.0591, 50.9391

Protanomaly

65.1248, 69.1091, 51.5019

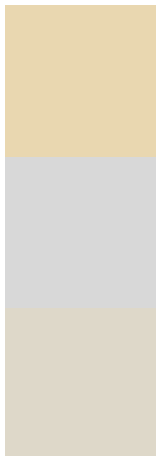
Deuteranomaly

68.5383, 68.9960, 51.3002

Tritanomaly

69.4818, 69.0981, 68.7067

Monochromacy



Original Color

65.7412, 69.0591, 50.9391

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.2227, 68.8584, 65.1117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7412, 69.0591, 50.9391 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(233, 215, 176)` looks like.

```
.text, #text, p{  
    color:rgb(233, 215, 176)  
}
```

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(233, 215, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 215, 176) }
```

Border

The CSS property to change the border of an element to XYZ 65.7412, 69.0591, 50.9391 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(233, 215, 176) }
```


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

```
.border{ border-color:rgb(233, 215, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 215, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 215, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 215, 176);  
box-shadow:4px 4px 4px 4px rgb(233, 215,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7412, 69.0591, 50.9391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 215, 176) }
```

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

```
.background{ background-color: rgb(233,  
215, 176) }
```

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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