

Converting Colors

XYZ(60.4787, 65.1223, 38.2378)

Have a look what the booklet for
XYZ(60.4787, 65.1223, 38.2378)
contains.

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Color

**XYZ(60.4778, 65.1214,
38.2363)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D396
RGB	227, 211, 150
RGB Percent	89%, 83%, 59%
CMY	0.1098, 0.1725, 0.4118
CMYK	0.00, 0.07, 0.34, 0.11
HSL	48°, 58%, 74%
HSV	48°, 34%, 89%
XYZ	60.4778, 65.1214, 38.2363
YIQ	208.8300, 29.1170, -15.5790

Conversions

Conversions Part 2

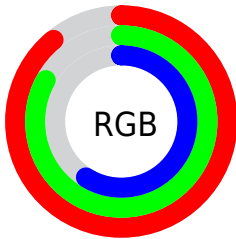
Format	Color
RYB	170, 227, 150
Decimal	14930838
CIELab	84.55, -3.34, 32.25
CIELCh	85, 32.425, 95.904
Yxy	65.1214, 0.3691, 0.3975
Android (android.graphics.Color)	4293120918 (0xFFE3D396)
YUV	208.8300, -29.0032, 15.9351
Hunter-Lab	80.6978, -7.4470, 28.3957

Details

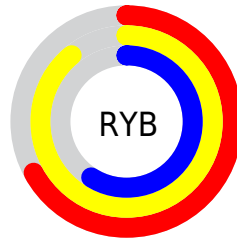
The XYZ color **60.4778, 65.1214, 38.2363** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.0787, 39.3013, 78.1466**, and the grayscale version is **60.6647, 63.8240, 69.5043**.

A 20% lighter version of the original color is **88.0194, 97.1878, 71.8776**, and **31.0562, 33.6537, 16.4143** is the 20% darker color. If you saturate the color by 10%, you get **57.6703, 62.1537, 29.1393**, and if you desaturate by 10%, it is **63.6770, 68.3054, 49.2123**.

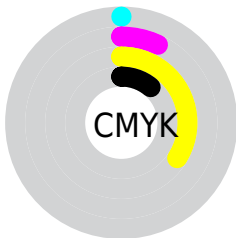
Distribution



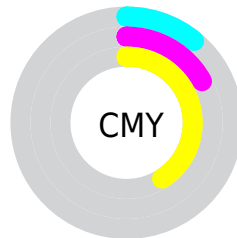
- Red (89%)
- Green (83%)
- Blue (59%)



- Red (67%)
- Yellow (89%)
- Blue (59%)



- Cyan (0%)
- Magenta (7%)
- Yellow (34%)
- Black (11%)



- Cyan (11%)
- Magenta (17%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4778, 65.1214, 38.2363 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 60.4778, 65.1214, 38.2363 by changing the saturation by 10% instead.

60.4778, 65.1214,
38.2363

60.4778, 65.1214,
38.2363

416.1633,
443.2281, 353.9611

44.0548, 47.5595,
25.8629

104.6249,
112.2244, 73.6776

30.9117, 33.4782,
16.4962

133.0797,
142.5343, 97.5826

20.6831, 22.4930,
9.7178

166.2757,
177.8623, 126.1685

13.0037, 14.2196,
5.1091

204.5785,
218.5928, 159.8539

7.5081, 8.2736,
2.2516

248.3533,
265.1103, 199.0573

3.8310, 4.2705,
0.7039

297.9654,

1.6070, 1.8260,

317.7990, 244.1973

0.0000

353.7803,
377.0435, 295.6924

■ 0.3969, 0.5033,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.4778, 65.1214,
38.2363

■ 60.4778, 65.1214,
38.2363

■ 57.6703, 62.1537,
29.1393

■ 63.6770, 68.3054,
49.2123

■ 55.2289, 59.3846,
21.8091

■ 67.2823, 71.7050,
62.1627

■ 53.1323, 56.8075,
16.1277

■ 71.3130, 75.3307,
77.1813

■ 51.3546, 54.4116,
11.9610

■ 75.7860, 79.1896,
94.3549

■ 49.8663, 52.1844,
9.1539

■ 79.3174, 82.7286,
106.3955

■ 48.6310, 50.1112,
7.5177

■ 80.6823, 85.4583,
106.8504

■ 47.9689, 48.9117,
6.9127

■ 82.0831, 88.2600,
107.3174

■ 83.5203, 91.1343,
107.7964

■ 84.9940, 94.0818,
108.2877

Harmonies

Analogous

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



67.7428, 65.1214, 40.4341



60.4778, 65.1214, 38.2363



54.1011, 65.1214, 43.3144

Triad

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



60.4778, 65.1214, 38.2363



51.3111, 65.1214, 96.8918



75.4639, 65.1214, 88.4218

Complementary

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



60.4778, 65.1214, 38.2363



40.0787, 39.3013, 78.1466

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.



70.4057, 65.1214, 108.2631



60.4778, 65.1214, 38.2363



56.3956, 65.1214, 113.7813

Square

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



60.4778, 65.1214, 38.2363



49.0799, 65.1214, 75.0782



63.3361, 65.1214, 118.3024



76.7688, 65.1214, 66.8915

Rectangle

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



60.4778, 65.1214, 38.2363



51.0895, 65.1214, 50.8591



63.3361, 65.1214, 118.3024



74.1280, 65.1214, 95.6304

Sweetspot

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



60.4794, 65.1244, 38.2377



89.5462, 95.1319, 88.1380



49.5312, 40.9226, 41.6949



19.0109, 20.2209, 18.2887



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.



60.4794, 65.1244, 38.2377



76.0003, 81.9145, 40.8499



58.2019, 70.1456, 39.3269



15.3341, 16.2821, 15.2390



28.0622, 28.6985, 4.0603



2.1378, 2.2489, 0.3214

Inverse Universe

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



40.0787, 39.3013, 78.1466



45.4951, 43.3156, 100.5706



41.7451, 36.1095, 77.4427



13.8242, 14.3698, 18.1894



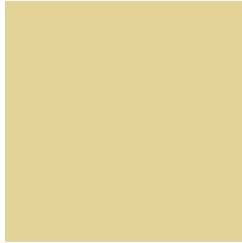
8.7502, 4.5625, 42.8026



0.7126, 0.4691, 3.1850

Previews

White Background



This preview shows how the XYZ color 60.4778, 65.1214, 38.2363 looks on a white background.

Color Contrast Check

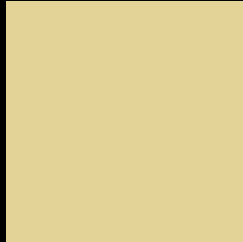
Large Text (above 18pt) WCAG AA × Fail

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 60.4778, 65.1214, 38.2363 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 60.4778, 65.1214, 38.2363

Background



This preview shows how black text looks on a background with the XYZ color 60.4778, 65.1214, 38.2363.

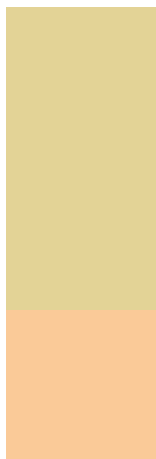


This preview shows how white text looks on a background with the XYZ color 60.4778, 65.1214,

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

60.4778, 65.1214, 38.2363

Protanopia

60.4778, 65.1214, 38.2363

Deuteranopia

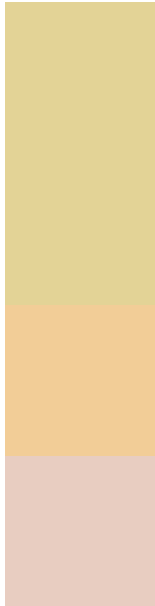
66.2124, 64.8321, 38.7298



Tritanopia

68.0364, 64.9652, 75.2833

Trichromacy



Original Color

60.4778, 65.1214, 38.2363

Protanomaly

60.4778, 65.1214, 38.2363

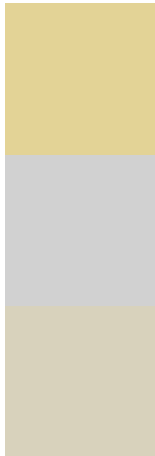
Deuteranomaly

64.0352, 64.7743, 38.4058

Tritanomaly

64.7357, 64.6687, 59.5224

Monochromacy



Original Color

60.4778, 65.1214, 38.2363

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.4426, 64.3230, 56.8069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4778, 65.1214, 38.2363 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(227, 211, 150)` looks like.

```
.text, #text, p{  
    color:rgb(227, 211, 150)  
}
```

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(227, 211, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 211, 150) }
```

Border

The CSS property to change the border of an element to XYZ 60.4778, 65.1214, 38.2363 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(227, 211, 150) }
```


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

```
.border{ border-color:rgb(227, 211, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 211, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 211, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 211, 150);  
box-shadow:4px 4px 4px 4px rgb(227, 211,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4778, 65.1214, 38.2363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 211, 150) }
```

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

```
.background{ background-color: rgb(227,  
211, 150) }
```

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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