

Converting Colors

XYZ(60.5144, 63.1594, 41.5022)

Have a look what the booklet for
XYZ(60.5144, 63.1594, 41.5022)
contains.

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Color

**XYZ(60.5560, 63.2692,
41.3683)**

Conversions

Conversions Part 1

Format	Color
Hex	E5CE9E
RGB	229, 206, 158
RGB Percent	90%, 81%, 62%
CMY	0.1020, 0.1921, 0.3804
CMYK	0.00, 0.10, 0.31, 0.10
HSL	41°, 58%, 76%
HSV	41°, 31%, 90%
XYZ	60.5560, 63.2692, 41.3683
YIQ	207.4050, 29.1160, -10.0520

Conversions

Conversions Part 2

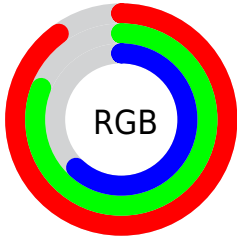
Format	Color
RYB	192, 229, 158
Decimal	15060638
CIELab	83.58, 1.00, 26.84
CIElCh	84, 26.860, 87.870
Yxy	63.2692, 0.3666, 0.3830
Android (android.graphics.Color)	4293250718 (0xFFE5CE9E)
YUV	207.4050, -24.3567, 18.9388
Hunter-Lab	79.5419, -3.3047, 24.8437

Details

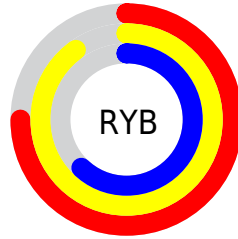
The XYZ color **60.5560, 63.2692, 41.3683** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.7670, 45.9729, 80.6432**, and the grayscale version is **59.7099, 62.8194, 68.4103**.

A 20% lighter version of the original color is **89.0102, 97.5841, 77.0951**, and **31.0633, 32.3813, 18.2487** is the 20% darker color. If you saturate the color by 10%, you get **57.0225, 59.0681, 31.3552**, and if you desaturate by 10%, it is **64.5443, 67.7916, 53.3466**.

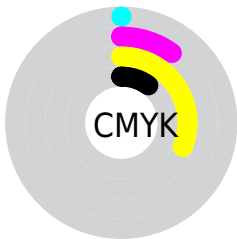
Distribution



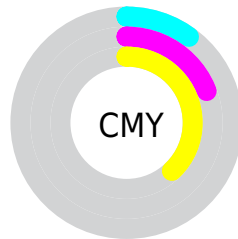
- Red (90%)
- Green (81%)
- Blue (62%)



- Red (75%)
- Yellow (90%)
- Blue (62%)



- Cyan (0%)
- Magenta (10%)
- Yellow (31%)
- Black (10%)





- Cyan (10%)
- Magenta (19%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5560, 63.2692, 41.3683 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 60.5560, 63.2692, 41.3683 by changing the saturation by 10% instead.

 60.5560, 63.2692,
41.3683


 60.5560, 63.2692,
41.3683


416.4461,
436.5458, 367.5797

 44.1181, 46.0590,
28.2851


 104.7376,
109.5578, 78.5024

 30.9617, 32.2924,
18.2998


 133.2119,
139.4050, 103.3904

 20.7214, 21.5849,
10.9938


166.4292,
174.2333, 133.0504

 13.0318, 13.5522,
5.9485

204.7547,
214.4272, 167.9010

 7.5276, 7.8099,
2.7455

248.5538,
260.3710, 208.3607

 3.8434, 3.9736,
0.9662

298.1918,

 1.6139, 1.6588,

312.4491, 254.8480

0.0000

354.0341,
371.0459, 307.7815

■ 0.4015, 0.3968,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5560, 63.2692,
41.3683

■ 60.5560, 63.2692,
41.3683

■ 57.0225, 59.0681,
31.3552

■ 64.5443, 67.7916,
53.3466

■ 53.9175, 55.1691,
23.1952

■ 69.0026, 72.6363,
67.3857

■ 51.2188, 51.5638,
16.7711

■ 73.9512, 77.8155,
83.5799

■ 48.9003, 48.2397,
11.9504

■ 79.4076, 83.3380,
102.0163

■ 46.9319, 45.1830,
8.5817

■ 82.4407, 88.0329,
107.2547

■ 45.2782, 42.3773,
6.4835

■ 84.7064, 92.5645,
108.0100

■ 44.0067, 40.0450,
5.4101

■ 86.1232, 95.3981,
108.4822

Harmonies

Analogous

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



66.3415, 63.2692, 44.9770



60.5560, 63.2692, 41.3683



55.0110, 63.2692, 44.0788

Triad

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



60.5560, 63.2692, 41.3683



50.6977, 63.2692, 85.1355



70.2112, 63.2692, 87.5547

Complementary

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



60.5560, 63.2692, 41.3683



44.7670, 45.9729, 80.6432

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.



65.5687, 63.2692, 101.6052



60.5560, 63.2692, 41.3683



54.3291, 63.2692, 100.0563

Square

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



60.5560, 63.2692, 41.3683



49.5449, 63.2692, 67.6948



59.7169, 63.2692, 106.5123



72.1369, 63.2692, 70.0980

Rectangle

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



60.5560, 63.2692, 41.3683



52.1457, 63.2692, 49.3977



59.7169, 63.2692, 106.5123



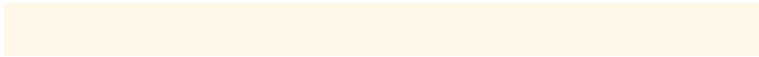
68.9023, 63.2692, 92.9331

Sweetspot

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



60.5576, 63.2721, 41.3696



89.2470, 93.9579, 89.8130



52.9496, 44.4761, 49.8703



18.9122, 19.9089, 18.6094



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.



60.5576, 63.2721, 41.3696



74.4168, 77.3702, 44.5684



62.8562, 73.2849, 43.1811



15.1875, 15.9889, 15.1902



25.2745, 23.1232, 3.1311



1.9512, 1.8756, 0.2592

Inverse Universe

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



44.7670, 45.9729, 80.6432



51.3537, 52.1131, 101.9599



42.9120, 38.6392, 79.3255



13.9621, 14.6455, 18.2353



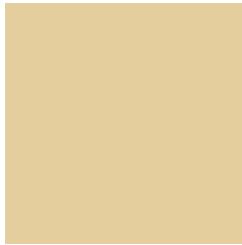
9.5898, 6.2417, 43.0825



0.7906, 0.6251, 3.2110

Previews

White Background



This preview shows how the XYZ color 60.5560, 63.2692, 41.3683 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 60.5560, 63.2692, 41.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

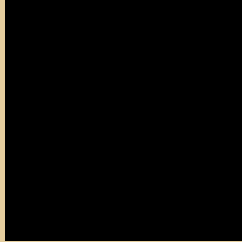
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5560, 63.2692, 41.3683

Background



This preview shows how black text looks on a background with the XYZ color 60.5560, 63.2692, 41.3683.



This preview shows how white text looks on a background with the XYZ color 60.5560, 63.2692,

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

60.5560, 63.2692, 41.3683

Protanopia

59.2453, 63.3029, 41.8970

Deuteranopia

64.5685, 63.2242, 41.6013



Tritanopia

66.5926, 62.9054, 72.2505

Trichromacy



Original Color

60.5560, 63.2692, 41.3683

Protanomaly

59.6222, 63.1364, 41.8450

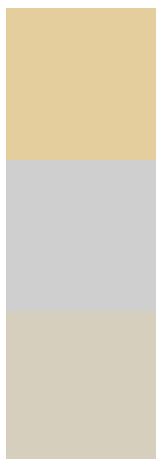
Deuteranomaly

62.9751, 63.0950, 41.6603

Tritanomaly

64.2285, 62.9920, 59.8124

Monochromacy



Original Color

60.5560, 63.2692, 41.3683

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.5225, 62.7468, 57.1183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5560, 63.2692, 41.3683 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(229, 206, 158)` looks like.

```
.text, #text, p{  
    color:rgb(229, 206, 158)  
}
```

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(229, 206, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 206, 158) }
```

Border

The CSS property to change the border of an element to XYZ 60.5560, 63.2692, 41.3683 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(229, 206, 158) }
```


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

```
.border{ border-color:rgb(229, 206, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 206, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 206, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 206, 158);  
box-shadow:4px 4px 4px 4px rgb(229, 206,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5560, 63.2692, 41.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 206, 158) }
```

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

```
.background{ background-color: rgb(229,  
206, 158) }
```

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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