

Converting Colors

XYZ(59.8885, 67.9597, 25.7114)

Have a look what the booklet for
XYZ(59.8885, 67.9597, 25.7114)
contains.

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Color

**XYZ(59.9907, 68.1862,
25.6222)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DB71
RGB	227, 219, 113
RGB Percent	89%, 86%, 44%
CMY	0.1098, 0.1412, 0.5569
CMYK	0.00, 0.04, 0.50, 0.11
HSL	56°, 67%, 67%
HSV	56°, 50%, 89%
XYZ	59.9907, 68.1862, 25.6222
YIQ	209.3080, 38.7940, -31.2700

Conversions

Conversions Part 2

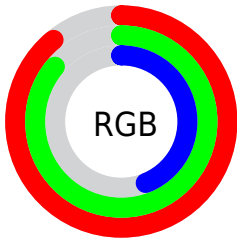
Format	Color
RYB	122, 227, 113
Decimal	14932849
CIELab	86.10, -11.19, 52.56
CIELCh	86, 53.735, 102.017
Yxy	68.1862, 0.3901, 0.4433
Android (android.graphics.Color)	4293122929 (0xFFE3DB71)
YUV	209.3080, -47.4798, 15.5159
Hunter-Lab	82.5749, -14.8259, 39.4053

Details

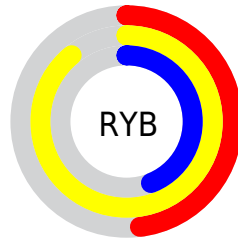
The XYZ color **59.9907, 68.1862, 25.6222** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **27.5125, 22.7308, 75.6102**, and the grayscale version is **61.0898, 64.2712, 69.9914**.

A 20% lighter version of the original color is **83.9751, 95.5700, 50.5801**, and **30.4799, 35.3229, 9.6264** is the 20% darker color. If you saturate the color by 10%, you get **58.4566, 66.9138, 19.5753**, and if you desaturate by 10%, it is **61.8517, 69.6007, 33.3564**.

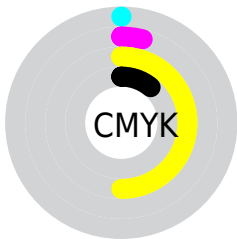
Distribution



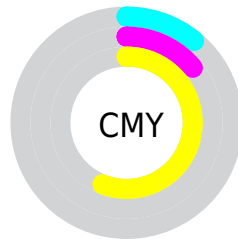
- Red (89%)
- Green (86%)
- Blue (44%)



- Red (48%)
- Yellow (89%)
- Blue (44%)



- Cyan (0%)
- Magenta (4%)
- Yellow (50%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9907, 68.1862, 25.6222 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 59.9907, 68.1862, 25.6222 by changing the saturation by 10% instead.

■ 59.9907, 68.1862,
25.6222

■ 59.9907, 68.1862,
25.6222

414.3988,
454.1554, 294.4688

■ 43.6606, 50.0492,
16.3180

■ 103.9226,
116.6185, 53.6414

■ 30.6005, 35.4525,
9.5927

■ 132.2551,
147.6826, 73.1935

■ 20.4452, 24.0117,
5.0277

■ 165.3191,
183.8245, 96.9986

■ 12.8292, 15.3423,
2.2045

203.4799,
225.4287, 125.4753

■ 7.3872, 9.0600,
0.6770

247.1029,
272.8794, 159.0422

■ 3.7539, 4.7803,
0.0000

296.5535,

■ 1.5639, 2.1189,

326.5612, 198.1176

0.0000

352.1970,
386.8584, 243.1203

■ 0.3687, 0.6752,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9907, 68.1862,
25.6222

■ 59.9907, 68.1862,
25.6222

■ 58.4566, 66.9138,
19.5753

■ 61.8517, 69.6007,
33.3564

■ 57.2202, 65.7642,
15.0835


■ 64.0564, 71.1567,
42.8884


■ 56.2553, 64.7296,
12.0020


■ 66.6264, 72.8651,
54.3242


■ 55.5288, 63.7967,
10.1567


■ 69.5800, 74.7333,
67.7606


 54.9931, 62.9602,
9.2541

 72.9345, 76.7684,
83.2875

 76.7057, 78.9765,
100.9896

 78.0665, 80.2270,
105.9786

 78.5119, 81.1178,
106.1270

 78.9613, 82.0167,
106.2768

Harmonies

Analogous

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



72.4179, 68.1862, 26.5338



59.9907, 68.1862, 25.6222



50.1818, 68.1862, 34.3204

Triad

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



59.9907, 68.1862, 25.6222



48.7231, 68.1862, 129.6843



90.1132, 68.1862, 97.2739

Complementary

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



59.9907, 68.1862, 25.6222



27.5125, 22.7308, 75.6102

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.



82.0335, 68.1862, 137.0771



59.9907, 68.1862, 25.6222



57.7525, 68.1862, 159.5046

Square

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



59.9907, 68.1862, 25.6222



44.2519, 68.1862, 89.3178



69.8785, 68.1862, 162.5732



90.9121, 68.1862, 60.9679

Rectangle

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



59.9907, 68.1862, 25.6222



46.0237, 68.1862, 46.6931



69.8785, 68.1862, 162.5732



88.1153, 68.1862, 110.9315

Sweetspot

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



59.9923, 68.1894, 25.6236



88.6422, 96.0774, 79.3481



41.1280, 29.5594, 22.1139



18.8007, 20.4550, 16.2010



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.



59.9923, 68.1894, 25.6236



76.0707, 87.0842, 25.3699



49.1562, 65.7738, 25.7285



15.5106, 16.6350, 15.2978



32.1083, 36.7906, 5.4090



2.3988, 2.7709, 0.4084

Inverse Universe

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



27.5125, 22.7308, 75.6102



29.4044, 21.7945, 97.2647



34.3682, 24.8823, 75.6641



13.6636, 14.0486, 18.1358



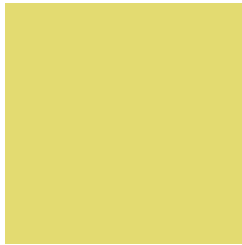
8.2240, 3.5101, 42.6272



0.6364, 0.3166, 3.1595

Previews

White Background



This preview shows how the XYZ color 59.9907, 68.1862, 25.6222 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 59.9907, 68.1862, 25.6222 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 59.9907, 68.1862, 25.6222

Background



This preview shows how black text looks on a background with the XYZ color 59.9907, 68.1862, 25.6222.



This preview shows how white text looks on a background with the XYZ color 59.9907, 68.1862,

25.6222.

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

59.9907, 68.1862, 25.6222

Protanopia

62.4850, 67.9479, 25.1512

Deuteranopia

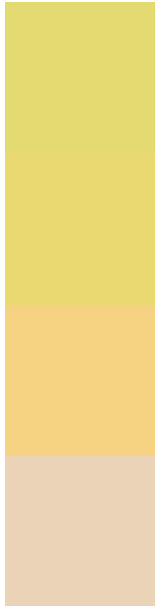
68.4353, 67.8386, 35.0784



Tritanopia

70.8920, 68.1305, 79.2261

Trichromacy



Original Color

59.9907, 68.1862, 25.6222

Protanomaly

61.4122, 67.7740, 25.1742

Deuteranomaly

65.0472, 67.6397, 31.1001

Tritanomaly

65.7732, 67.4999, 54.3619

Monochromacy



Original Color

59.9907, 68.1862, 25.6222

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.7531, 65.2434, 49.4883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9907, 68.1862, 25.6222 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, 219, 113)` looks like.

```
.text, #text, p{  
    color:rgb(227, 219, 113)  
}
```

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, 219, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 219, 113) }
```

Border

The CSS property to change the border of an element to XYZ 59.9907, 68.1862, 25.6222 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, 219, 113) }
```


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

```
.border{ border-color:rgb(227, 219, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 219, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 219, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 219, 113);  
box-shadow:4px 4px 4px 4px rgb(227, 219,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9907, 68.1862, 25.6222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 219, 113) }
```

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

```
.background{ background-color: rgb(227,  
219, 113) }
```

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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