

Converting Colors

XYZ(58.2476, 63.4944, 22.5503)

Have a look what the booklet for
XYZ(58.2476, 63.4944, 22.5503)
contains.

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Color

**XYZ(58.3053, 63.6098,
22.5695)**

Conversions

Conversions Part 1

Format	Color
Hex	E7D169
RGB	231, 209, 105
RGB Percent	91%, 82%, 41%
CMY	0.0941, 0.1804, 0.5882
CMYK	0.00, 0.10, 0.55, 0.09
HSL	50°, 72%, 66%
HSV	50°, 55%, 91%
XYZ	58.3053, 63.6098, 22.5695
YIQ	203.7220, 46.4960, -27.6800

Conversions

Conversions Part 2

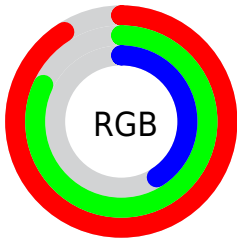
Format	Color
RYB	132, 231, 105
Decimal	15192425
CIELab	83.76, -5.17, 53.64
CIELCh	84, 53.889, 95.504
Yxy	63.6098, 0.4035, 0.4403
Android (android.graphics.Color)	4293382505 (0xFFE7D169)
YUV	203.7220, -48.6699, 23.9228
Hunter-Lab	79.7558, -9.0805, 39.0510

Details

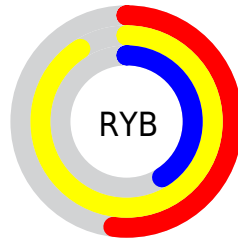
The XYZ color **58.3053, 63.6098, 22.5695** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **27.8387, 23.9508, 78.7568**, and the grayscale version is **57.4974, 60.4917, 65.8755**.

A 20% lighter version of the original color is **83.2580, 95.2832, 46.8042**, and **29.5975, 32.5840, 8.0975** is the 20% darker color. If you saturate the color by 10%, you get **56.2993, 61.2467, 16.8178**, and if you desaturate by 10%, it is **60.6619, 66.1579, 30.0301**.

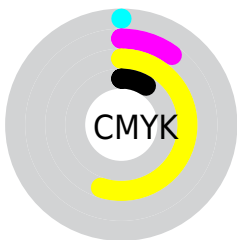
Distribution



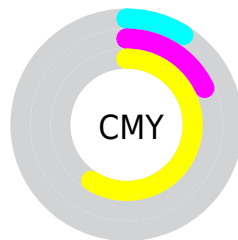
- Red (91%)
- Green (82%)
- Blue (41%)



- Red (52%)
- Yellow (91%)
- Blue (41%)



- Cyan (0%)
- Magenta (10%)
- Yellow (55%)
- Black (9%)



- Cyan (9%)
- Magenta (18%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3053, 63.6098, 22.5695 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 58.3053, 63.6098, 22.5695 by changing the saturation by 10% instead.

■ 58.3053, 63.6098,
22.5695

■ 58.3053, 63.6098,
22.5695

408.2581,
437.7792, 278.5560

■ 42.2984, 46.3347,
14.0737

■ 101.4877,
110.0488, 48.5997

■ 29.5271, 32.5100,
8.0326

■ 129.3939,
139.9815, 66.9711

■ 19.6262, 21.7514,
4.0277

■ 161.9972,
174.9022, 89.4714

■ 12.2303, 13.6743,
1.6406

■ 199.6630,
215.1952, 116.5192

■ 6.9740, 7.8945,
0.3195

242.7567,
261.2451, 148.5330

■ 3.4921, 4.0275,
0.0000

291.6435,

■ 1.4190, 1.6890,

313.4361, 185.9314

0.0000

346.6889,
372.1527, 229.1329

■ 0.2697, 0.4165,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3053, 63.6098,
22.5695

■ 58.3053, 63.6098,
22.5695

■ 56.2993, 61.2467,
16.8178

■ 60.6619, 66.1579,
30.0301

■ 54.6122, 59.0487,
12.6301


■ 63.3884, 68.8920,
39.3212


■ 53.2145, 57.0058,
9.8439


■ 66.5081, 71.8239,
50.5574


■ 52.0678, 55.1025,
8.2591


■ 70.0409, 74.9621,
63.8432

 51.5154, 54.1098,
7.7291

 74.0055, 78.3142,
79.2754

 78.4192, 81.8873,
96.9447

 81.3563, 84.9116,
106.7094

 82.5384, 87.2759,
107.1034

 83.7470, 89.6932,
107.5063

Harmonies

Analogous

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



70.3822, 63.6098, 25.3059



58.3053, 63.6098, 22.5695



48.1960, 63.6098, 28.6328

Triad

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



58.3053, 63.6098, 22.5695



43.7786, 63.6098, 114.3620



83.5919, 63.6098, 99.9104

Complementary

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



58.3053, 63.6098, 22.5695



27.8387, 23.9508, 78.7568

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.



74.6439, 63.6098, 136.9205



58.3053, 63.6098, 22.5695



51.5157, 63.6098, 146.9921

Square

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



58.3053, 63.6098, 22.5695



40.5387, 63.6098, 75.6931



62.6655, 63.6098, 156.3661



86.0244, 63.6098, 63.2026

Rectangle

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



58.3053, 63.6098, 22.5695



43.5940, 63.6098, 38.5468



62.6655, 63.6098, 156.3661



81.1941, 63.6098, 113.0576

Sweetspot

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



58.3068, 63.6128, 22.5708



86.9331, 93.1851, 77.1570



41.9098, 28.6538, 23.7793



18.4057, 19.7687, 15.7501



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.



58.3068, 63.6128, 22.5708



70.2683, 76.4148, 20.5523



52.6370, 69.2611, 23.9599



15.3763, 16.3666, 15.2531



28.9620, 30.4981, 4.3603



2.1967, 2.3667, 0.3410

Inverse Universe

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



27.8387, 23.9508, 78.7568



28.6938, 22.3562, 97.4106



31.1354, 21.8841, 78.1841



13.7852, 14.2918, 18.1764



8.5803, 4.2227, 42.7460



0.6942, 0.4323, 3.1788

Previews

White Background



This preview shows how the XYZ color 58.3053, 63.6098, 22.5695 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 58.3053, 63.6098, 22.5695 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 58.3053, 63.6098, 22.5695

Background



This preview shows how black text looks on a background with the XYZ color 58.3053, 63.6098, 22.5695.



This preview shows how white text looks on a background with the XYZ color 58.3053, 63.6098,

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

58.3053, 63.6098, 22.5695

Protanopia

58.3053, 63.6098, 22.5695

Deuteranopia

64.6441, 63.2991, 24.4336



Tritanopia

68.1255, 63.3867, 70.9316

Trichromacy



Original Color

58.3053, 63.6098, 22.5695

Protanomaly

58.3053, 63.6098, 22.5695

Deuteranomaly

62.1764, 63.4305, 23.7181

Tritanomaly

63.3545, 62.7949, 48.3167

Monochromacy



Original Color

58.3053, 63.6098, 22.5695

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.8707, 61.2659, 45.8739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3053, 63.6098, 22.5695 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(231, 209, 105)` looks like.

```
.text, #text, p{  
    color:rgb(231, 209, 105)  
}
```

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(231, 209, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 209, 105) }
```

Border

The CSS property to change the border of an element to XYZ 58.3053, 63.6098, 22.5695 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(231, 209, 105) }
```


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

```
.border{ border-color:rgb(231, 209, 105) }
```

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

Here you see how a box with a 4 pixel rgb(231, 209, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 209, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 209, 105);  
box-shadow:4px 4px 4px 4px rgb(231, 209,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3053, 63.6098, 22.5695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 209, 105) }
```

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

```
.background{ background-color: rgb(231,  
209, 105) }
```

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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