

Converting Colors

XYZ(56.0197, 60.8671, 25.0761)

Have a look what the booklet for
XYZ(56.0197, 60.8671, 25.0761)
contains.

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Color

**XYZ(55.9772, 60.9080,
25.0258)**

Conversions

Conversions Part 1

Format	Color
Hex	E1CD73
RGB	225, 205, 115
RGB Percent	88%, 80%, 45%
CMY	0.1176, 0.1961, 0.5490
CMYK	0.00, 0.09, 0.49, 0.12
HSL	49°, 65%, 67%
HSV	49°, 49%, 88%
XYZ	55.9772, 60.9080, 25.0258
YIQ	200.7200, 40.8100, -23.7500

Conversions

Conversions Part 2

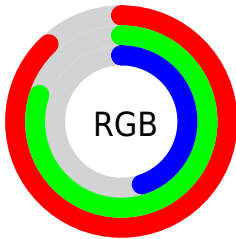
Format	Color
RYB	139, 225, 115
Decimal	14798195
CIELab	82.33, -4.72, 47.02
CIELCh	82, 47.260, 95.736
Yxy	60.9080, 0.3945, 0.4292
Android (android.graphics.Color)	4292988275 (0xFFE1CD73)
YUV	200.7200, -42.2600, 21.2936
Hunter-Lab	78.0436, -8.5461, 35.6183

Details

The XYZ color **55.9772, 60.9080, 25.0258** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.3247, 26.4083, 74.7857**, and the grayscale version is **55.5809, 58.4755, 63.6798**.

A 20% lighter version of the original color is **84.1614, 95.6446, 51.5616**, and **28.1405, 30.8282, 9.3178** is the 20% darker color. If you saturate the color by 10%, you get **53.8722, 58.5232, 18.6976**, and if you desaturate by 10%, it is **58.4267, 63.4760, 33.0291**.

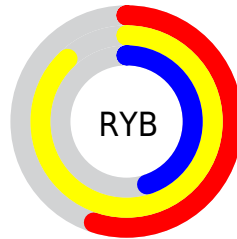
Distribution



Red (88%)

Green (80%)

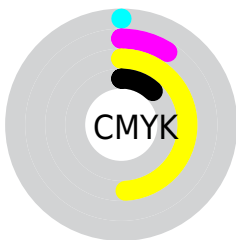
Blue (45%)



Red (55%)

Yellow (88%)

Blue (45%)

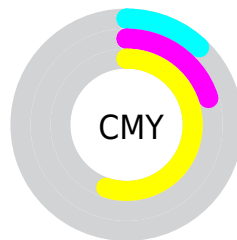


Cyan (0%)

Magenta (9%)

Yellow (49%)

Black (12%)



Cyan (12%)

Magenta (20%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9772, 60.9080, 25.0258 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 55.9772, 60.9080, 25.0258 by changing the saturation by 10% instead.

■ 55.9772, 60.9080,
25.0258

■ 55.9772, 60.9080,
25.0258

399.6820,
427.9366, 291.4182

■ 40.4216, 44.1509,
15.8771

■ 98.1112, 106.1457,
52.6637

■ 28.0531, 30.7892,
9.2838

■ 125.4204,
135.3951, 71.9900

■ 18.5063, 20.4384,
4.8274

■ 157.3780,
169.5775, 95.5459

■ 11.4160, 12.7141,
2.0894

194.3496,
209.0771, 123.7499

■ 6.4167, 7.2320,
0.6094

236.7004,
254.2785, 157.0206

■ 3.1431, 3.6076,
0.0000

284.7959,

■ 1.2299, 1.4566,

305.5659, 195.7765

0.0000

339.0013,
363.3238, 240.4362

■ 0.1298, 0.2579,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9772, 60.9080,
25.0258

■ 55.9772, 60.9080,
25.0258

■ 53.8722, 58.5232,
18.6976

■ 58.4267, 63.4760,
33.0291

■ 52.0837, 56.3034,
13.9173


■ 61.2376, 66.2275,
42.8145


■ 50.5863, 54.2404,
10.5461


■ 64.4307, 69.1734,
54.4848

■ 49.3485, 52.3211,
8.4179


■ 68.0240, 72.3213,
68.1334


 48.3214, 50.5259,
7.2775


 72.0342, 75.6780,
83.8480

 48.2130, 50.3309,
7.1737

 76.4772, 79.2502,
101.7106

 78.4201, 81.8651,
106.2761

 79.5955, 84.2160,
106.6679

 80.7980, 86.6210,
107.0688

Harmonies

Analogous

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



66.2195, 60.9080, 27.5176



55.9772, 60.9080, 25.0258



47.3014, 60.9080, 30.7180

Triad

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



55.9772, 60.9080, 25.0258



43.5518, 60.9080, 104.2709



77.4015, 60.9080, 91.8203

Complementary

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



55.9772, 60.9080, 25.0258



29.3247, 26.4083, 74.7857

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.



69.9543, 60.9080, 122.2923



55.9772, 60.9080, 25.0258



50.2923, 60.9080, 130.8187

Square

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



55.9772, 60.9080, 25.0258



40.6814, 60.9080, 72.0175



59.8484, 60.9080, 138.2233



79.3766, 60.9080, 60.9283

Rectangle

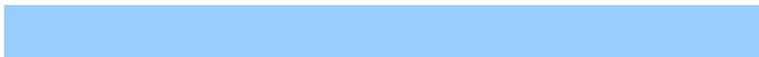
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.9772, 60.9080, 25.0258



43.3161, 60.9080, 39.7377



59.8484, 60.9080, 138.2233



75.4161, 60.9080, 102.7005

Sweetspot

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



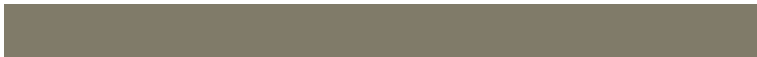
55.9787, 60.9108, 25.0270



87.3139, 93.4207, 78.9053



41.5674, 30.0236, 26.5883



18.4776, 19.8087, 16.0933



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.



55.9787, 60.9108, 25.0270



71.4148, 77.5668, 24.4516



51.2969, 66.0569, 26.2671



14.6488, 15.5836, 14.5426



27.8616, 29.1611, 4.1602



1.9871, 2.1330, 0.3070

Inverse Universe

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



29.3247, 26.4083, 74.7857



32.0603, 26.6707, 98.0659



32.2690, 24.1667, 74.1979



13.1526, 13.6442, 17.3281



8.3476, 4.1647, 41.4123



0.6384, 0.4083, 2.8904

Previews

White Background



This preview shows how the XYZ color 55.9772, 60.9080, 25.0258 looks on a white background.

Color Contrast Check

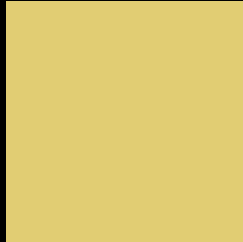
Large Text (above 18pt) WCAG AA × Fail

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 55.9772, 60.9080, 25.0258 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 55.9772, 60.9080, 25.0258

Background



This preview shows how black text looks on a background with the XYZ color 55.9772, 60.9080, 25.0258.



This preview shows how white text looks on a background with the XYZ color 55.9772, 60.9080,

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

55.9772, 60.9080, 25.0258

Protanopia

55.9772, 60.9080, 25.0258

Deuteranopia

62.1503, 60.6386, 25.2584



Tritanopia

64.7321, 60.6794, 68.6222

Trichromacy



Original Color

55.9772, 60.9080, 25.0258

Protanomaly

55.9772, 60.9080, 25.0258

Deuteranomaly

59.8514, 60.8086, 25.1057

Tritanomaly

60.8869, 60.4722, 49.0207

Monochromacy



Original Color

55.9772, 60.9080, 25.0258

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.9546, 58.8450, 46.4920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9772, 60.9080, 25.0258 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(225, 205, 115)` looks like.

```
.text, #text, p{  
    color:rgb(225, 205, 115)  
}
```

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(225, 205, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 205, 115) }
```

Border

The CSS property to change the border of an element to XYZ 55.9772, 60.9080, 25.0258 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(225, 205, 115) }
```


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

```
.border{ border-color:rgb(225, 205, 115) }
```

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

Here you see how a box with a 4 pixel rgb(225, 205, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 205, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 205, 115);  
box-shadow:4px 4px 4px 4px rgb(225, 205,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9772, 60.9080, 25.0258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 205, 115) }
```

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

```
.background{ background-color: rgb(225,  
205, 115) }
```

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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