

Converting Colors

YUV(177.6980, -55.5601,
40.6069)

Have a look what the booklet for
YUV(177.6980, -55.5601, 40.6069)
contains.

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Color

**YUV(177.6980, -55.5601,
40.6069)**

Conversions

Conversions Part 1

Format	Color
Hex	E0B041
RGB	224, 176, 65
RGB Percent	88%, 69%, 25%
CMY	0.1216, 0.3098, 0.7451
CMYK	0.00, 0.21, 0.71, 0.12
HSL	42°, 72%, 57%
HSV	42°, 71%, 88%
XYZ	47.2199, 47.2796, 11.6381
YIQ	177.6980, 64.2390, -24.3450

Conversions

Conversions Part 2

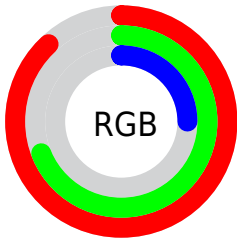
Format	Color
RYB	134, 224, 65
Decimal	14725185
CIELab	74.37, 6.49, 60.89
CIELCh	74, 61.236, 83.921
Yxy	47.2796, 0.4449, 0.4455
Android (android.graphics.Color)	4292915265 (0xFFE0B041)
YUV	177.6980, -55.5601, 40.6069
Hunter-Lab	68.7602, 2.2517, 38.0969

Details

The YUV color **177.6980, -55.5601, 40.6069** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **111.3020, 55.5601, -40.6069**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.4080, -52.4591, 25.9522**, and **122.1230, -60.2066, 37.6031** is the 20% darker color. If you saturate the color by 10%, you get **171.0810, -63.1439, 46.4100**, and if you desaturate by 10%, it is **184.3150, -47.9763, 34.8037**.

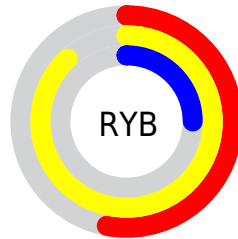
Distribution



Red (88%)

Green (69%)

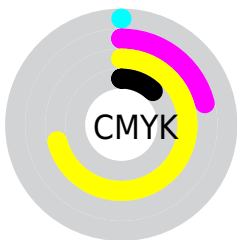
Blue (25%)



Red (53%)

Yellow (88%)

Blue (25%)

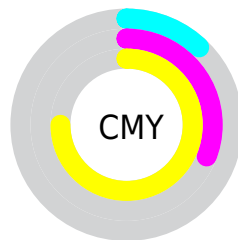


Cyan (0%)

Magenta (21%)

Yellow (71%)

Black (12%)



Cyan (12%)

Magenta (31%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.6980, -55.5601, 40.6069 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 YUV color 177.6980, -55.5601, 40.6069 by changing the saturation by 10% instead.

■ 177.6980,
-55.5601, 40.6069

■ 177.6980,
-55.5601, 40.6069

255.0000, 0.0000,
0.0000

■ 149.6870,
-55.5547, 38.8625

■ 225.4080,
-52.4591, 25.9522

■ 122.1230,
-60.2066, 37.6031

■ 242.5740,
-47.6110, 10.8976

■ 98.7770, -48.6971,
32.6446

■ 245.7660,
-35.3806, 8.0982

■ 76.3170, -37.6243,
27.7860

■ 248.9580,
-23.1503, 5.2988

■ 55.0310, -27.1303,
21.8978

■ 252.2640,
-10.4832, 2.3995

■ 34.9300, -17.2205,
16.7244

■ 14.5410, -7.1687,

12.6805

■ 0.0000, 0.0000,
0.0000

■ 177.6980,
-55.5601, 40.6069

■ 177.6980,
-55.5601, 40.6069

■ 171.0810,
-63.1439, 46.4100

■ 184.3150,
-47.9763, 34.8037

■ 164.3500,
-71.1645, 52.3131

■ 191.0460,
-39.9557, 28.9007

■ 158.5480,
-78.1642, 57.4014

■ 197.0760,
-32.0825, 23.6123

■ 203.8070,
-24.0619, 17.7093

■ 210.4240,
-16.4780, 11.9062

■ 217.0410, -8.8942,
6.1030

■ 223.1850, -0.5842,
0.7148

■ 229.8020, 6.9996,
-5.0884

■ 235.1650, 9.7787,
-9.7917

Harmonies

Analogous

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



177.8320, -41.8222, 67.6763



177.6980, -55.5601, 40.6069



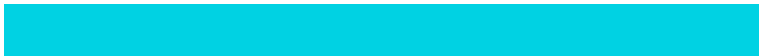
172.4430, -49.0254, -2.1425

Triad

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



177.6980, -55.5601, 40.6069



149.1480, 38.3810, -130.8028



188.6090, 30.2658, 45.9469

Complementary

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



177.6980, -55.5601, 40.6069



111.3020, 55.5601, -40.6069

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.



180.2550, 36.8493, -12.5016



177.6980, -55.5601, 40.6069



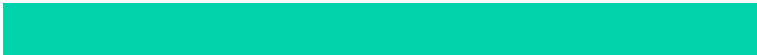
149.4050, 52.0583, -131.0282

Square

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



177.6980, -55.5601, 40.6069



142.5360, 13.0468, -125.0041



142.3610, 55.5310, -124.8506



177.3610, 9.6820, 68.0894

Rectangle

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



177.6980, -55.5601, 40.6069



166.8330, -33.9347, -35.8105



142.3610, 55.5310, -124.8506



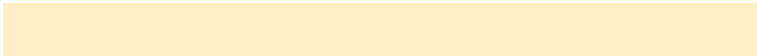
187.0090, 33.5196, 28.9331

Sweetspot

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



177.6980, -55.5601, 40.6069



239.4520, -18.9568, 13.6356



118.2410, -1.5978, 92.7506



118.4820, -11.0836, 8.3473



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



177.6980, -55.5601, 40.6069



192.1070, -75.9748, 55.1572



197.2030, -65.1761, -1.9320



108.9850, -3.9366, 2.6442



124.8250, -61.5387, 44.8805



34.3100, -16.9148, 12.0061

Inverse Universe

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



111.3020, 55.5601, -40.6069



101.4800, 75.6854, -55.6720



91.7970, 65.1761, 1.9320



104.0150, 3.9366, -2.6442



51.1750, 61.5387, -44.8805



14.2770, 16.6254, -12.5209

Previews

White Background



This preview shows how the YUV color 177.6980, -55.5601, 40.6069 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 YUV color 177.6980, -55.5601, 40.6069 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](#).

YUV 177.6980, -55.5601, 40.6069

Background



This preview shows how black text looks on a background with the YUV color 177.6980, -55.5601, 40.6069.



This preview shows how white text looks on a background with the YUV color 177.6980, -55.5601, 40.6069.

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

177.6980, -55.5601, 40.6069

Protanopia

176.3540, -53.9115, 25.1225

Deuteranopia

178.1330, -55.2816, 44.6104



Tritanopia

186.4010, -4.6347, 39.9903

Trichromacy



Original Color

177.6980, -55.5601, 40.6069

Protanomaly

176.5720, -54.5120, 31.0704

Deuteranomaly

178.1220, -55.2761, 42.8660

Tritanomaly

183.1780, -23.2588, 40.1859

Monochromacy



Original Color

177.6980, -55.5601, 40.6069

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.8220, -20.1252, 15.0651

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.6980, -55.5601, 40.6069 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(224, 176, 65)` looks like.

```
.text, #text, p{  
    color:rgb(224, 176, 65)  
}
```

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(224, 176, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 176, 65) }
```

Border

The CSS property to change the border of an element to YUV 177.6980, -55.5601, 40.6069 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(224, 176, 65) }
```


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

```
.border{ border-color:rgb(224, 176, 65) }
```

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

Here you see how a box with a 4 pixel rgb(224, 176, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 176, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 176, 65);  
box-shadow:4px 4px 4px 4px rgb(224, 176,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 177.6980, -55.5601, 40.6069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 176, 65) }
```

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

```
.background{ background-color: rgb(224,  
176, 65) }
```

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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