

Converting Colors

YUV(216.0010, -55.2165,
23.6781)

Have a look what the booklet for
YUV(216.0010, -55.2165, 23.6781)
contains.

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Color

**YUV(216.0010, -55.2165,
23.6781)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E068
RGB	243, 224, 104
RGB Percent	95%, 88%, 41%
CMY	0.0471, 0.1216, 0.5922
CMYK	0.00, 0.08, 0.57, 0.05
HSL	52°, 85%, 68%
HSV	52°, 57%, 95%
XYZ	66.1165, 73.3655, 23.7729
YIQ	216.0010, 49.8440, -33.2920

Conversions

Conversions Part 2

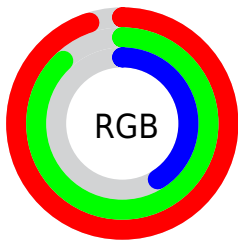
Format	Color
R _Y B	126, 243, 104
Decimal	15982696
CIE Lab	88.62, -7.93, 59.95
CIE LCh	89, 60.474, 97.537
Yxy	73.3655, 0.4050, 0.4494
Android (android.graphics.Color)	4294172776 (0xFFFF3E068)
YUV	216.0010, -55.2165, 23.6781
Hunter-Lab	85.6536, -12.1088, 43.5018

Details

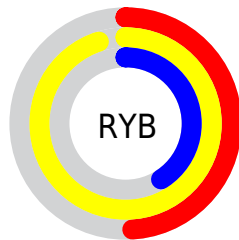
The YUV color **216.0010, -55.2165, 23.6781** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **130.9990, 55.2165, -23.6781**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.0560, -41.9326, 9.5979**, and **159.9190, -54.1901, 21.1190** is the 20% darker color. If you saturate the color by 10%, you get **211.5040, -64.8315, 27.6220**, and if you desaturate by 10%, it is **220.4980, -45.6015, 19.7343**.

Distribution



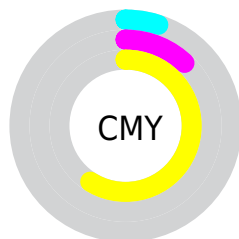
- Red (95%)
- Green (88%)
- Blue (41%)



- Red (49%)
- Yellow (95%)
- Blue (41%)



- Cyan (0%)
- Magenta (8%)
- Yellow (57%)
- Black (5%)



- Cyan (5%)
- Magenta (12%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.0010, -55.2165, 23.6781 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 216.0010, -55.2165, 23.6781 by changing the saturation by 10% instead.

216.0010,
-55.2165, 23.6781

216.0010,
-55.2165, 23.6781

255.0000, 0.0000,
0.0000

187.5170,
-54.4849, 22.3486

244.0560,
-41.9326, 9.5979

159.9190,
-54.1901, 21.1190

247.2480,
-29.7023, 6.7985

132.2240,
-56.8054, 19.9746

250.4400,
-17.4719, 3.9991

106.6520,
-52.5794, 17.8452

253.7460, -4.8048,
1.0998

84.4910, -41.6541,
13.6014

62.9170, -31.0181,
8.8428

42.2290, -20.8189,

4.1842

■ 22.7260, -11.2039,
0.2403

■ 0.0000, 0.0000,
0.0000

■ 216.0010,
-55.2165, 23.6781

■ 216.0010,
-55.2165, 23.6781

■ 211.5040,
-64.8315, 27.6220

■ 220.4980,
-45.6015, 19.7343

■ 206.3060,
-74.5939, 32.1806

■ 225.6960,
-35.8391, 15.1756

■ 201.8090,
-84.2088, 36.1245

■ 230.1930,
-26.2241, 11.2317

■ 197.3120,
-93.8238, 40.0684

■ 234.6900,
-16.6092, 7.2879

■ 195.9270,
-96.5920, 41.2830

■ 239.7740, -7.2836,
2.8292

■ 244.3850, 2.7682,
-1.2146

■ 246.7160, 4.0840,
-3.2589

■ 249.0640, 2.9264,
-5.3181

■ 250.8250, 2.0583,
-6.8625

Harmonies

Analogous

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



209.2170, -45.9560, 40.1517



216.0010, -55.2165, 23.6781



209.0040, -39.9350, -24.5595

Triad

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



216.0010, -55.2165, 23.6781



175.8200, 39.0357, -154.1941



211.5620, 21.4149, 38.0951

Complementary

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



216.0010, -55.2165, 23.6781



130.9990, 55.2165, -23.6781

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.



221.1980, 16.6644, 21.7514



216.0010, -55.2165, 23.6781



169.9500, 41.9297, -149.0461

Square

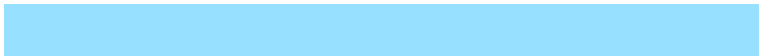
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.0010, -55.2165, 23.6781



174.8280, 30.1578, -153.3242



205.7070, 24.3014, -47.9780



202.3230, 3.7848, 46.1977

Rectangle

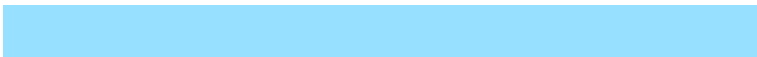
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216.0010, -55.2165, 23.6781



201.5830, -21.4864, -61.9013



205.7070, 24.3014, -47.9780



215.0840, 19.6786, 35.0063

Sweetspot

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



216.0010, -55.2165, 23.6781



246.5760, -17.0460, 7.3878



147.9550, -11.3168, 83.3545



122.6880, -10.1992, 4.6586



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.



216.0010, -55.2165, 23.6781



220.8480, -69.9311, 29.9513



212.5030, -53.4920, -16.2271



120.0450, -4.9522, 1.7145



150.1210, -74.0097, 31.4659



47.5780, -23.4560, 10.0171

Inverse Universe

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



130.9990, 55.2165, -23.6781



113.1520, 69.9311, -29.9513



134.4970, 53.4920, 16.2271



112.5420, 4.6628, -2.2293



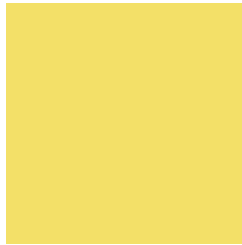
35.8790, 74.0097, -31.4659



11.4220, 23.4560, -10.0171

Previews

White Background



This preview shows how the YUV color 216.0010, -55.2165, 23.6781 looks on a white background.

Color Contrast Check

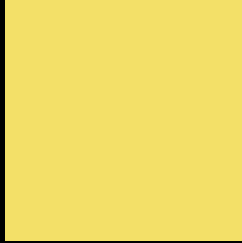
Large Text (above 18pt) WCAG AA × Fail

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 216.0010, -55.2165, 23.6781 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 216.0010, -55.2165, 23.6781 Background



This preview shows how black text looks on a background with the YUV color 216.0010, -55.2165, 23.6781.



This preview shows how white text looks on a background with the YUV color 216.0010, -55.2165, 23.6781.

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

216.0010, -55.2165, 23.6781

Protanopia

216.6100, -55.5167, 26.6520

Deuteranopia

221.9610, -27.5888, 28.9752



Tritanopia

225.6810, 0.6503, 24.8358

Trichromacy



Original Color

216.0010, -55.2165, 23.6781

Protanomaly

216.3110, -55.3693, 26.0373

Deuteranomaly

219.9040, -37.9137, 27.2712

Tritanomaly

222.2900, -19.8630, 24.3017

Monochromacy



Original Color

216.0010, -55.2165, 23.6781

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.0770, -20.2510, 8.7025

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.0010, -55.2165, 23.6781 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(243, 224, 104)` looks like.

```
.text, #text, p{  
    color:rgb(243, 224, 104)  
}
```

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(243, 224, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 224, 104) }
```

Border

The CSS property to change the border of an element to YUV 216.0010, -55.2165, 23.6781 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(243, 224, 104) }
```


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

```
.border{ border-color:rgb(243, 224, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 224, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 224, 104); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 224, 104); box-shadow:4px 4px 4px 4px rgb(243, 224, 104) }
```

Background

The CSS property to change the background color of an element to YUV 216.0010, -55.2165, 23.6781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 224, 104) }
```

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

```
.background{ background-color: rgb(243,  
224, 104) }
```

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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