

Converting Colors

YUV(55.2740, 64.9409,
-16.0263)

Have a look what the booklet for
YUV(55.2740, 64.9409, -16.0263)
contains.

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Color

**YUV(55.2740, 64.9409,
-16.0263)**

Conversions

Conversions Part 1

Format	Color
Hex	2527BB
RGB	37, 39, 187
RGB Percent	15%, 15%, 73%
CMY	0.8549, 0.8471, 0.2667
CMYK	0.80, 0.79, 0.00, 0.27
HSL	239°, 67%, 44%
HSV	239°, 80%, 73%
XYZ	10.4581, 5.4322, 47.5110
YIQ	55.2740, -48.7000, 45.6040

Conversions

Conversions Part 2

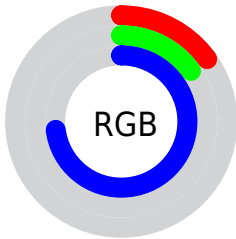
Format	Color
R_{YB}	37, 39, 187
Decimal	2435003
CIE _{Lab}	27.93, 50.23, -75.95
CIE _{LCh}	28, 91.058, 303.479
Yxy	5.4322, 0.1650, 0.0857
Android (android.graphics.Color)	4280625083 (0xFF2527BB)
YUV	55.2740, 64.9409, -16.0263
Hunter-Lab	23.3071, 39.3072, -104.5464

Details

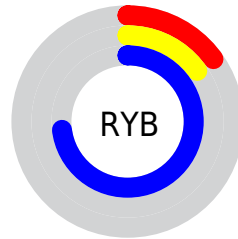
The YUV color **55.2740, 64.9409, -16.0263** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **168.7260, -64.9409, 16.0263**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.8890, 65.6237, -1.6567**, and **15.0480, 57.6573, -13.1971** is the 20% darker color. If you saturate the color by 10%, you get **39.0270, 72.9507, -18.4407**, and if you desaturate by 10%, it is **71.5210, 56.9311, -13.6119**.

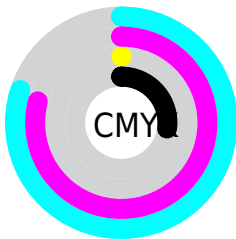
Distribution



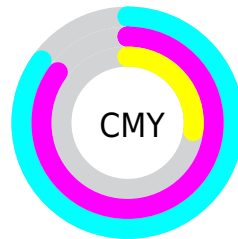
- Red (15%)
- Green (15%)
- Blue (73%)



- Red (15%)
- Yellow (15%)
- Blue (73%)



- Cyan (80%)
- Magenta (79%)
- Yellow (0%)
- Black (27%)



- Cyan (85%)
- Magenta (85%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.2740, 64.9409, -16.0263 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 55.2740, 64.9409, -16.0263 by changing the saturation by 10% instead.

■ 55.2740, 64.9409,
-16.0263

■ 55.2740, 64.9409,
-16.0263

■ 255.0000, 0.0000,
0.0000

■ 26.9310, 65.1100,
-23.6185

■ 111.8890, 65.6237,
-1.6567

■ 15.0480, 57.6573,
-13.1971

■ 136.9730, 58.1873,
3.5317

■ 12.0840, 46.3006,
-10.5977

■ 161.5040, 46.0935,
9.2050

■ 15.6910, 32.1973,
-13.7610

■ 186.3230, 33.8578,
13.7487

■ 9.4330, 23.4505,
-8.2727

■ 212.0280, 21.1852,
18.3924


■ 5.0500, 14.2723,
-4.4289

■ 235.0420, 9.8393,


■ 0.9120, 3.4944,


17.5032


-0.7998


 252.0650, 1.4470,
2.5740


 0.0000, 0.0000,
0.0000


 55.2740, 64.9409,
-16.0263


 55.2740, 64.9409,
-16.0263


 39.0270, 72.9507,
-18.4407


 71.5210, 56.9311,
-13.6119

 22.4920, 81.1024,
-19.7255

 88.0560, 48.7794,
-12.3271

 104.3030, 40.7696,
-9.9127

 121.1370, 32.4705,
-8.0131

 137.0850, 24.6081,
-6.2135

■ 153.9190, 16.3089,
-4.3140

■ 170.1660, 8.2992,
-1.8996

■ 187.0000, 0.0000,
0.0000

■ 202.9480, -7.8624,
1.7996

Harmonies

Analogous

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



69.3670, 70.3181, -60.8349



55.2740, 64.9409, -16.0263



59.3710, 34.8201, 78.6046

Triad

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



55.2740, 64.9409, -16.0263



55.2950, -27.2604, 63.7623



59.9780, 6.4198, -52.6007

Complementary

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



55.2740, 64.9409, -16.0263



168.7260, -64.9409, 16.0263

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.



50.4820, -24.8876, -44.2727



55.2740, 64.9409, -16.0263



61.7540, -30.4447, 11.6167

Square

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



55.2740, 64.9409, -16.0263



49.3350, -24.3222, 101.4382



47.5470, -23.4407, -41.6987



69.2460, 36.8537, -60.7287

Rectangle

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



55.2740, 64.9409, -16.0263



61.1180, 11.7738, 97.2435



47.5470, -23.4407, -41.6987



56.5410, -4.2107, -49.5865

Sweetspot

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



55.2740, 64.9409, -16.0263



191.1990, 25.0449, -6.3135



141.9220, 21.2375, -92.0166



90.9900, 15.2879, -3.4992



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



55.2740, 64.9409, -16.0263



38.2090, 100.4690, -24.7393



75.9270, 54.7590, 29.8820



86.0260, 3.9312, -0.8998



19.1860, 68.4353, -16.8261



3.5340, 13.5407, -3.0993

Inverse Universe

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



82.0780, -21.2375, 92.0166



79.7100, -32.8880, 142.3283



148.0730, -54.7590, -29.8820



87.6910, -1.3267, 5.5330



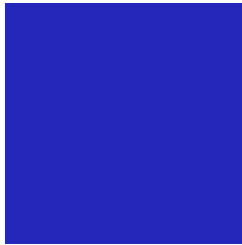
47.4700, -22.4167, 96.9348



9.2690, -4.5696, 19.0581

Previews

White Background



This preview shows how the YUV color 55.2740, 64.9409, -16.0263 looks on a white background.

Color Contrast Check

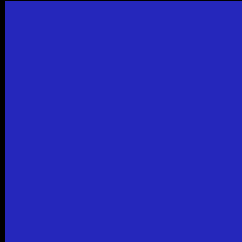
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 55.2740, 64.9409, -16.0263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

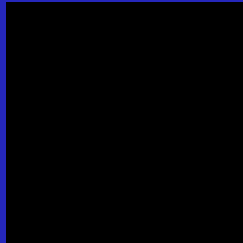
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 55.2740, 64.9409, -16.0263

Background



This preview shows how black text looks on a background with the YUV color 55.2740, 64.9409, -16.0263.



This preview shows how white text looks on a background with the YUV color 55.2740, 64.9409, -16.0263.

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

55.2740, 64.9409, -16.0263

Protanopia

52.8440, 40.0099, -46.3442

Deuteranopia

52.9120, 30.1164, -46.4038



Tritanopia

51.6290, 12.5079, -45.2786

Trichromacy



Original Color

55.2740, 64.9409, -16.0263

Protanomaly

53.6140, 48.9973, -35.6185

Deuteranomaly

53.4200, 43.1769, -35.4483

Tritanomaly

53.0320, 31.5362, -35.1081

Monochromacy



Original Color

55.2740, 64.9409, -16.0263

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.8570, 23.7345, -6.0136

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.2740, 64.9409, -16.0263 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(37, 39, 187)` looks like.

```
.text, #text, p{  
    color:rgb(37, 39, 187)  
}
```

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(37, 39, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 39, 187) }
```

Border

The CSS property to change the border of an element to YUV 55.2740, 64.9409, -16.0263 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(37, 39, 187) }
```


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

```
.border{ border-color:rgb(37, 39, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 39, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 39, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 39, 187);  
box-shadow:4px 4px 4px 4px rgb(37, 39,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 55.2740, 64.9409, -16.0263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 39, 187) }
```

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

```
.background{ background-color: rgb(37, 39,  
187) }
```

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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