

Converting Colors

YUV(95.4230, -28.8025,
-48.6060)

Have a look what the booklet for
YUV(95.4230, -28.8025, -48.6060)
contains.

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Color

**YUV(95.4230, -28.8025,
-48.6060)**

Conversions

Conversions Part 1

Format	Color
Hex	288725
RGB	40, 135, 37
RGB Percent	16%, 53%, 15%
CMY	0.8431, 0.4706, 0.8549
CMYK	0.70, 0.00, 0.73, 0.47
HSL	118°, 57%, 34%
HSV	118°, 73%, 53%
XYZ	9.8730, 17.9126, 4.6874
YIQ	95.4230, -25.1620, -50.6180

Conversions

Conversions Part 2

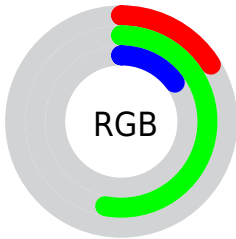
Format	Color
RYB	37, 135, 132
Decimal	2656037
CIELab	49.39, -46.81, 42.65
CIELCh	49, 63.327, 137.668
Yxy	17.9126, 0.3040, 0.5516
Android (android.graphics.Color)	4280846117 (0xFF288725)
YUV	95.4230, -28.8025, -48.6060
Hunter-Lab	42.3233, -32.4262, 23.0598

Details

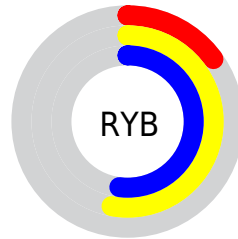
The YUV color **95.4230, -28.8025, -48.6060** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **76.5770, 28.8025, 48.6060**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.8750, -30.9974, -44.6174**, and **49.3080, -24.3088, -43.2431** is the 20% darker color. If you saturate the color by 10%, you get **90.0540, -32.5646, -55.2984**, and if you desaturate by 10%, it is **100.9060, -24.6037, -42.0136**.

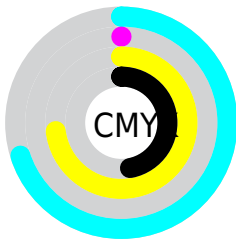
Distribution



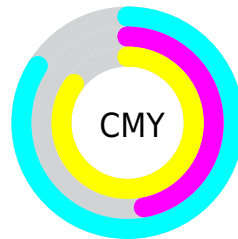
- Red (16%)
- Green (53%)
- Blue (15%)



- Red (15%)
- Yellow (53%)
- Blue (52%)



- Cyan (70%)
- Magenta (0%)
- Yellow (73%)
- Black (47%)



- Cyan (84%)
- Magenta (47%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.4230, -28.8025, -48.6060 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 95.4230, -28.8025, -48.6060 by changing the saturation by 10% instead.

■ 95.4230, -28.8025,
-48.6060

■ 95.4230, -28.8025,
-48.6060

255.0000, 0.0000,
0.0000

■ 64.7810, -28.4860,
-56.8129

■ 150.8750,
-30.9974, -44.6174

■ 49.3080, -24.3088,
-43.2431

■ 178.6470,
-31.8710, -44.4174

■ 35.2200, -17.3635,
-30.8879

■ 207.0060,
-33.0340, -44.7323

■ 22.3060, -10.9969,
-19.5624

■ 223.7390,
-27.9723, -34.8511

■ 0.0000, 0.0000,
0.0000

■ 235.6020,
-20.0168, -19.8220

■ 247.7640,

-12.2087, -4.1780

254.6580, -1.3104,
0.2999

■ 95.4230, -28.8025,
-48.6060

■ 95.4230, -28.8025,
-48.6060

■ 90.0540, -32.5646,
-55.2984

■ 100.9060,
-24.6037, -42.0136

■ 84.5710, -36.7635,
-61.8908

■ 106.2750,
-20.8416, -35.3212

■ 80.4410, -39.6574,
-67.0388

■ 111.7580,
-16.6427, -28.7288

■ 117.1270,
-12.8806, -22.0364

■ 122.6100, -8.6817,
-15.4440

■ 128.2780, -5.0671,
-8.1368

■ 133.7610, -0.8682,
-1.5444

■ 139.1300, 2.8939,
5.1480

■ 144.6130, 7.0928,
11.7404

Harmonies

Analogous

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



106.8630, -52.6835, 4.5051



95.4230, -28.8025, -48.6060



92.7820, 0.1075, -81.3698

Triad

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



95.4230, -28.8025, -48.6060



101.7320, 59.7851, -89.2190



108.6400, -10.1755, 90.6467

Complementary

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



95.4230, -28.8025, -48.6060



76.5770, 28.8025, 48.6060

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.



112.9800, 14.3069, 78.0705



95.4230, -28.8025, -48.6060



109.4650, 54.9868, -43.3808

Square

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



95.4230, -28.8025, -48.6060



103.9370, 45.3871, -91.1527



120.3840, 34.8137, 33.8662



111.3580, -36.1655, 73.3540

Rectangle

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



95.4230, -28.8025, -48.6060



98.1740, 15.6902, -86.0986



120.3840, 34.8137, 33.8662



108.9310, -1.4450, 90.3915

Sweetspot

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



95.4230, -28.8025, -48.6060



160.1920, -11.4337, -19.4624



122.0670, -41.9380, 11.3422



79.8000, -6.8034, -11.2256



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



95.4230, -28.8025, -48.6060



114.3060, -45.0139, -75.6904



99.7700, -8.2676, -55.0493



63.5220, -1.7363, -3.0888



77.5060, -38.2105, -64.4648



1.7610, -0.8682, -1.5444

Inverse Universe

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



76.5770, 28.8025, 48.6060



84.6940, 45.0139, 75.6904



72.2300, 8.2676, 55.0493



62.4780, 1.7363, 3.0888



52.4940, 38.2105, 64.4648



0.9400, 1.0156, 0.9296

Previews

White Background



This preview shows how the YUV color 95.4230, -28.8025, -48.6060 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 × Fail

Black Background



This preview shows how the YUV color 95.4230, -28.8025, -48.6060 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 × Fail

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

YUV 95.4230, -28.8025, -48.6060

Background



This preview shows how black text looks on a background with the YUV color 95.4230, -28.8025, -48.6060.



This preview shows how white text looks on a background with the YUV color 95.4230, -28.8025,

-48.6060.

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

95.4230, -28.8025, -48.6060

Protanopia

111.4960, -39.1915, 17.1050

Deuteranopia

113.7560, -33.4037, 27.4010



Tritanopia

109.2000, 13.2124, -37.8864

Trichromacy



Original Color

95.4230, -28.8025, -48.6060

Protanomaly

105.9660, -35.4792, -6.9862

Deuteranomaly

107.3350, -31.7172, -0.2938

Tritanomaly

104.1660, -2.0538, -41.3646

Monochromacy



Original Color

95.4230, -28.8025, -48.6060

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.4310, -10.5655, -17.9180

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.4230, -28.8025, -48.6060 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(40, 135, 37)` looks like.

```
.text, #text, p{  
    color:rgb(40, 135, 37)  
}
```

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(40, 135, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 135, 37) }
```

Border

The CSS property to change the border of an element to YUV 95.4230, -28.8025, -48.6060 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(40, 135, 37) }
```


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

```
.border{ border-color:rgb(40, 135, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 135, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 135, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 135, 37);  
box-shadow:4px 4px 4px 4px rgb(40, 135,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 95.4230, -28.8025, -48.6060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 135, 37) }
```

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

```
.background{ background-color: rgb(40, 135,  
37) }
```

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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