

Converting Colors

YUV(87.4050, -24.8497,
-56.4832)

Have a look what the booklet for
YUV(87.4050, -24.8497, -56.4832)
contains.

YUV(87.4050, -24.8497, -56.4832)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(87.4050, -24.8497,
-56.4832)**

Conversions

Conversions Part 1

Format	Color
Hex	178225
RGB	23, 130, 37
RGB Percent	9%, 51%, 15%
CMY	0.9098, 0.4902, 0.8549
CMYK	0.82, 0.00, 0.72, 0.49
HSL	128°, 70%, 30%
HSV	128°, 82%, 51%
XYZ	8.6699, 16.2810, 4.4359
YIQ	87.4050, -33.9190, -51.6070

Conversions

Conversions Part 2

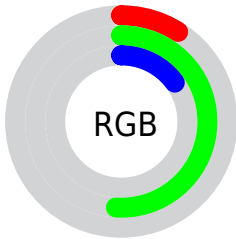
Format	Color
R_{YB}	23, 118, 130
Decimal	1540645
CIE _{Lab}	47.34, -47.95, 40.39
CIE _{LCh}	47, 62.691, 139.889
Yxy	16.2810, 0.2950, 0.5540
Android (android.graphics.Color)	4279730725 (0xFF178225)
YUV	87.4050, -24.8497, -56.4832
Hunter-Lab	40.3497, -32.2578, 21.7267

Details

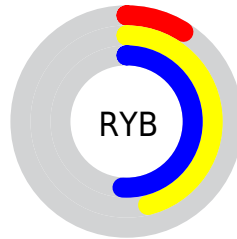
The YUV color **87.4050, -24.8497, -56.4832** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **65.5950, 24.8497, 56.4832**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.2380, -28.2183, -49.3207**, and **46.3730, -22.8619, -40.6691** is the 20% darker color. If you saturate the color by 10%, you get **82.2640, -27.7382, -63.3755**, and if you desaturate by 10%, it is **92.5460, -21.9612, -49.5908**.

Distribution



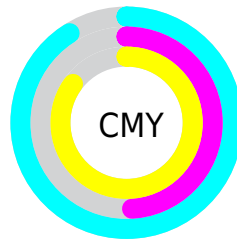
- Red (9%)
- Green (51%)
- Blue (15%)



- Red (9%)
- Yellow (46%)
- Blue (51%)



- Cyan (82%)
- Magenta (0%)
- Yellow (72%)
- Black (49%)



- Cyan (91%)
- Magenta (49%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.4050, -24.8497, -56.4832 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 87.4050, -24.8497, -56.4832 by changing the saturation by 10% instead.

■ 87.4050, -24.8497,
-56.4832

■ 87.4050, -24.8497,
-56.4832

255.0000, 0.0000,
0.0000

■ 61.9600, -26.6023,
-54.3389

■ 144.2380,
-28.2183, -49.3207

■ 46.3730, -22.8619,
-40.6691

■ 172.3090,
-29.2393, -48.5060

■ 32.2850, -15.9165,
-28.3139

■ 200.6680,
-30.4023, -48.8208

■ 19.3710, -9.5499,
-16.9884

■ 220.6350,
-26.9351, -40.8989

■ 0.0000, 0.0000,
0.0000

■ 232.1990,
-18.8321, -26.4845

■ 244.3610,

-11.0240, -10.8406

254.5440, -1.7472,
0.3999

■ 87.4050, -24.8497,
-56.4832

■ 87.4050, -24.8497,
-56.4832

■ 82.2640, -27.7382,
-63.3755

■ 92.5460, -21.9612,
-49.5908

■ 78.2480, -30.1953,
-68.6235

■ 97.8010, -18.6359,
-42.7985

■ 102.9420,
-15.7474, -35.9061

■ 108.0830,
-12.8589, -29.0138

■ 113.2240, -9.9704,
-22.1214

■ 118.4790, -6.6451,
-15.3291

■ 123.6200, -3.7567,
-8.4367

■ 128.7610, -0.8682,
-1.5444

■ 134.0160, 2.4571,
5.2480

Harmonies

Analogous

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



100.9380, -49.7624, 0.9314



87.4050, -24.8497, -56.4832



89.7330, 1.1176, -78.6958

Triad

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



87.4050, -24.8497, -56.4832



97.5260, 58.9007, -85.5303



102.9880, -11.3331, 88.5875

Complementary

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



87.4050, -24.8497, -56.4832



65.5950, 24.8497, 56.4832

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.



106.8230, 12.4123, 79.0852



87.4050, -24.8497, -56.4832



106.4230, 52.0495, -34.5740

Square

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



87.4050, -24.8497, -56.4832



100.0730, 45.8130, -87.7640



114.5370, 32.7663, 37.2401



105.9940, -37.4650, 70.1653

Rectangle

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



87.4050, -24.8497, -56.4832



94.5380, 16.9898, -82.9098



114.5370, 32.7663, 37.2401



102.8770, -2.8974, 89.5619

Sweetspot

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



87.4050, -24.8497, -56.4832



151.3380, -9.5336, -22.2214



114.2140, -44.9685, 3.3203



74.0170, -5.9244, -13.1699



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



87.4050, -24.8497, -56.4832



101.8360, -38.8661, -87.5562



93.3330, -2.1362, -61.6820



61.2230, -1.5889, -3.7036



77.0740, -29.6165, -67.5939



0.0000, 0.0000, 0.0000

Inverse Universe

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



65.5950, 24.8497, 56.4832



68.0500, 38.4293, 87.6561



59.6670, 2.1362, 61.6820



59.7770, 1.5889, 3.7036



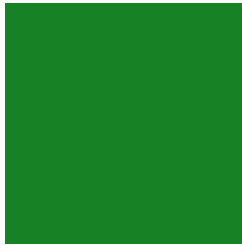
50.9260, 29.6165, 67.5939



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 87.4050, -24.8497, -56.4832 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 87.4050, -24.8497, -56.4832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 87.4050, -24.8497, -56.4832

Background



This preview shows how black text looks on a background with the YUV color 87.4050, -24.8497, -56.4832.



This preview shows how white text looks on a background with the YUV color 87.4050, -24.8497, -56.4832.

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

87.4050, -24.8497, -56.4832

Protanopia

106.7670, -36.8601, 15.9903

Deuteranopia

109.0270, -31.0723, 26.2863



Tritanopia

103.0040, 13.8020, -40.3455

Trichromacy



Original Color

87.4050, -24.8497, -56.4832

Protanomaly

100.0410, -32.5582, -10.5600

Deuteranomaly

101.4100, -28.7961, -3.8676

Tritanomaly

97.3010, -0.1484, -45.8680

Monochromacy



Original Color

87.4050, -24.8497, -56.4832

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.4630, -9.1023, -20.5771

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.4050, -24.8497, -56.4832 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(23, 130, 37)` looks like.

```
.text, #text, p{  
    color:rgb(23, 130, 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(23, 130, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 130, 37) }
```

Border

The CSS property to change the border of an element to YUV 87.4050, -24.8497, -56.4832 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(23, 130, 37) }
```


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

```
.border{ border-color:rgb(23, 130, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 130, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 130, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 130, 37);  
box-shadow:4px 4px 4px 4px rgb(23, 130,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 87.4050, -24.8497, -56.4832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 130, 37) }
```

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

```
.background{ background-color: rgb(23, 130,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor