

Converting Colors

YUV(90.2580, -18.3682,
-35.3063)

Have a look what the booklet for
YUV(90.2580, -18.3682, -35.3063)
contains.

YUV(90.2580, -18.3682, -35.3063)	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(90.2580, -18.3682,
-35.3063)**

Conversions

Conversions Part 1

Format	Color
Hex	327635
RGB	50, 118, 53
RGB Percent	20%, 46%, 21%
CMY	0.8039, 0.5373, 0.7922
CMYK	0.58, 0.00, 0.55, 0.54
HSL	123°, 40%, 33%
HSV	123°, 58%, 46%
XYZ	8.4364, 13.8920, 5.6049
YIQ	90.2580, -19.6630, -34.6310

Conversions

Conversions Part 2

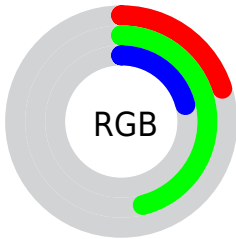
Format	Color
RYB	50, 115, 118
Decimal	3307061
CIELab	44.08, -35.92, 29.18
CIELCh	44, 46.280, 140.907
Yxy	13.8920, 0.3020, 0.4973
Android (android.graphics.Color)	4281497141 (0xFF327635)
YUV	90.2580, -18.3682, -35.3063
Hunter-Lab	37.2720, -24.8229, 17.1744

Details

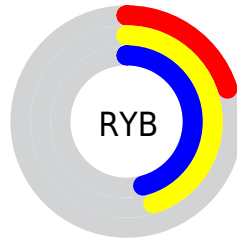
The YUV color **90.2580, -18.3682, -35.3063** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **77.7420, 18.3682, 35.3063**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.6880, -20.5522, -34.8064**, and **41.1870, -17.3472, -36.1210** is the 20% darker color. If you saturate the color by 10%, you get **85.4160, -21.4041, -41.5838**, and if you desaturate by 10%, it is **95.1000, -15.3323, -29.0287**.

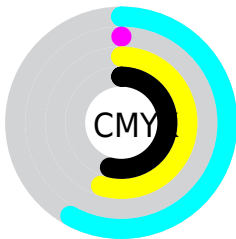
Distribution



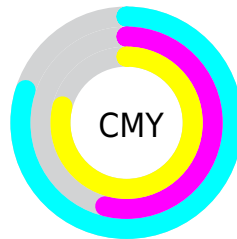
- Red (20%)
- Green (46%)
- Blue (21%)



- Red (20%)
- Yellow (45%)
- Blue (46%)



- Cyan (58%)
- Magenta (0%)
- Yellow (55%)
- Black (54%)



- Cyan (80%)
- Magenta (54%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.2580, -18.3682, -35.3063 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 90.2580, -18.3682, -35.3063 by changing the saturation by 10% instead.

■ 90.2580, -18.3682,
-35.3063

■ 90.2580, -18.3682,
-35.3063

■ 255.0000, 0.0000,
0.0000

■ 63.9910, -16.7576,
-38.5801

■ 142.6880,
-20.5522, -34.8064

■ 41.1870, -17.3472,
-36.1210

■ 169.5740,
-20.9890, -34.7064

■ 27.0020, -13.3120,
-23.6808

■ 197.6340,
-22.0046, -35.6360

■ 13.5010, -6.6560,
-11.8404

■ 225.5200,
-22.4414, -35.5360

■ 0.0000, 0.0000,
0.0000

■ 237.0840,
-14.3384, -21.1217

■ 248.9470, -6.3829,

-6.0925

■ 90.2580, -18.3682,
-35.3063

■ 90.2580, -18.3682,
-35.3063

■ 85.4160, -21.4041,
-41.5838

■ 95.1000, -15.3323,
-29.0287

■ 80.4600, -24.8768,
-47.7614

■ 100.0560,
-11.8596, -22.8511

■ 75.9170, -28.0601,
-53.4242

■ 104.5990, -8.6763,
-17.1883

■ 71.0750, -31.0960,
-59.7018

■ 109.4410, -5.6404,
-10.9108

■ 69.8360, -31.9641,
-61.2462

■ 114.2830, -2.6045,
-4.6332

■ 119.2390, 0.8682,
1.5444

■ 124.0810, 3.9041,
7.8220

■ 128.6240, 7.0874,
13.4848

■ 133.5800, 10.5601,
19.6623

Harmonies

Analogous

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



96.6080, -35.7957, 1.2208



90.2580, -18.3682, -35.3063



81.9880, 4.4429, -71.9035

Triad

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



90.2580, -18.3682, -35.3063



86.2640, 46.2118, -75.6535



102.1220, -11.3991, 63.0370

Complementary

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



90.2580, -18.3682, -35.3063



77.7420, 18.3682, 35.3063

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.



104.1870, 6.8098, 55.9640



90.2580, -18.3682, -35.3063



102.9940, 35.9920, -17.5347

Square

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



90.2580, -18.3682, -35.3063



89.0220, 36.4712, -78.0723



107.1370, 22.6105, 27.9439



101.9900, -28.0961, 51.7518

Rectangle

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



90.2580, -18.3682, -35.3063



85.6530, 15.9471, -75.1177



107.1370, 22.6105, 27.9439



102.4300, -5.1420, 62.7669

Sweetspot

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



90.2580, -18.3682, -35.3063



142.3760, -7.0874, -13.4848



109.6500, -29.4074, 5.5690



70.5060, -4.1935, -8.3368



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



90.2580, -18.3682, -35.3063



109.7920, -28.4915, -55.0686



94.0200, -3.9539, -38.6055



56.5220, -1.7363, -3.0888



72.1840, -33.1217, -63.3054



148.0040, -67.5430, -129.7995

Inverse Universe

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



77.7420, 18.3682, 35.3063



90.2080, 28.4915, 55.0686



73.9800, 3.9539, 38.6055



55.3640, 1.2995, 3.1888



49.8160, 33.1217, 63.3054



101.9960, 67.5430, 129.7995

Previews

White Background



This preview shows how the YUV color 90.2580, -18.3682, -35.3063 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 90.2580, -18.3682, -35.3063 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 90.2580, -18.3682, -35.3063

Background



This preview shows how black text looks on a background with the YUV color 90.2580, -18.3682, -35.3063.



This preview shows how white text looks on a background with the YUV color 90.2580, -18.3682, -35.3063.

-35.3063.

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

90.2580, -18.3682, -35.3063

Protanopia

100.9050, -26.0822, 12.3613

Deuteranopia

102.6980, -22.0361, 21.3129



Tritanopia

98.5710, 10.5645, -28.5648

Trichromacy



Original Color

90.2580, -18.3682, -35.3063

Protanomaly

96.8920, -23.1178, -5.1673

Deuteranomaly

98.2070, -20.8081, 0.6955

Tritanomaly

95.8020, 0.0976, -31.3984

Monochromacy



Original Color

90.2580, -18.3682, -35.3063

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9030, -6.3612, -13.0699

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.2580, -18.3682, -35.3063 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(50, 118, 53)` looks like.

```
.text, #text, p{  
    color:rgb(50, 118, 53)  
}
```

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(50, 118, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 118, 53) }
```

Border

The CSS property to change the border of an element to YUV 90.2580, -18.3682, -35.3063 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(50, 118, 53) }
```


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

```
.border{ border-color:rgb(50, 118, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 118, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 118, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 118, 53);  
box-shadow:4px 4px 4px 4px rgb(50, 118,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 90.2580, -18.3682, -35.3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 118, 53) }
```

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

```
.background{ background-color: rgb(50, 118,  
53) }
```

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