

Converting Colors

YUV(95.0250, -21.7043,
-38.6099)

Have a look what the booklet for
YUV(95.0250, -21.7043, -38.6099)
contains.

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Color

**YUV(95.0250, -21.7043,
-38.6099)**

Conversions

Conversions Part 1

Format	Color
Hex	337E33
RGB	51, 126, 51
RGB Percent	20%, 49%, 20%
CMY	0.8000, 0.5059, 0.8000
CMYK	0.60, 0.00, 0.60, 0.51
HSL	120°, 42%, 35%
HSV	120°, 60%, 49%
XYZ	9.4236, 15.8645, 5.6975
YIQ	95.0250, -20.6250, -39.2250

Conversions

Conversions Part 2

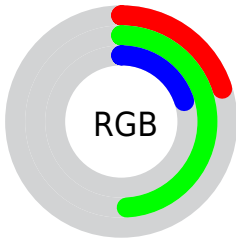
Format	Color
RYB	51, 126, 126
Decimal	3374643
CIELab	46.80, -39.26, 33.46
CIElCh	47, 51.583, 139.554
Yxy	15.8645, 0.3041, 0.5120
Android (android.graphics.Color)	4281564723 (0xFF337E33)
YUV	95.0250, -21.7043, -38.6099
Hunter-Lab	39.8303, -27.4709, 19.4002

Details

The YUV color **95.0250, -21.7043, -38.6099** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **81.9750, 21.7043, 38.6099**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.8680, -23.5989, -37.5952**, and **44.8400, -21.1201, -39.3247** is the 20% darker color. If you saturate the color by 10%, you get **89.6560, -25.4664, -45.3023**, and if you desaturate by 10%, it is **100.3940, -17.9422, -31.9175**.

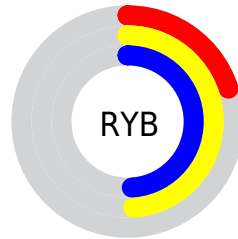
Distribution



Red (20%)

Green (49%)

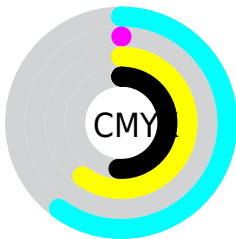
Blue (20%)



Red (20%)

Yellow (49%)

Blue (49%)

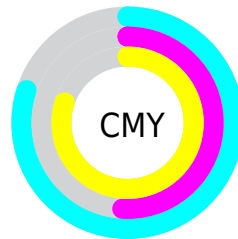


Cyan (60%)

Magenta (0%)

Yellow (60%)

Black (51%)



Cyan (80%)


Magenta (51%)


Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.0250, -21.7043, -38.6099 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 95.0250, -21.7043, -38.6099 by changing the saturation by 10% instead.


 95.0250, -21.7043,
-38.6099


 95.0250, -21.7043,
-38.6099


255.0000, 0.0000,
0.0000


 67.4590, -19.9463,
-42.4985


 147.8680,
-23.5989, -37.5952


 44.8400, -21.1201,
-39.3247

 175.3410,
-24.3251, -38.0101


 30.5240, -15.0483,
-26.7695

 203.7000,
-25.4881, -38.3249

 18.7840, -9.2605,
-16.4736

 226.3030,
-23.3204, -33.5917

 0.0000, 0.0000,
0.0000

 238.1660,
-15.3648, -18.5626

 250.0290, -7.4093,

-3.5334

■ 95.0250, -21.7043,
-38.6099

■ 95.0250, -21.7043,
-38.6099

■ 89.6560, -25.4664,
-45.3023

■ 100.3940,
-17.9422, -31.9175

■ 84.7000, -28.9391,
-51.4799

■ 105.3500,
-14.4695, -25.7399

■ 79.3310, -32.7012,
-58.1723

■ 110.7190,
-10.7075, -19.0476

■ 74.3750, -36.1739,
-64.3499

■ 115.6750, -7.2348,
-12.8700

■ 73.9620, -36.4633,
-64.8647

■ 121.0440, -3.4727,
-6.1776

■ 126.4130, 0.2894,
0.5148

■ 131.3690, 3.7621,
6.6924

■ 136.7380, 7.5242,
13.3848

■ 141.6940, 10.9969,
19.5624

Harmonies

Analogous

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



102.1970, -42.4951, 3.3352



95.0250, -21.7043, -38.6099



87.0260, 3.4382, -76.3218

Triad

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



95.0250, -21.7043, -38.6099



92.7840, 50.8855, -81.3716



107.2910, -10.9895, 71.6588

Complementary

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



95.0250, -21.7043, -38.6099



81.9750, 21.7043, 38.6099

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.



110.3880, 8.6827, 61.9267



95.0250, -21.7043, -38.6099



108.4430, 41.6866, -24.0675

Square

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



95.0250, -21.7043, -38.6099



95.2000, 39.8344, -83.4904



114.4730, 26.3888, 29.4032



108.0510, -30.5911, 58.7143

Rectangle

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



95.0250, -21.7043, -38.6099



91.0330, 16.2527, -79.8359



114.4730, 26.3888, 29.4032



107.7130, -4.2955, 71.2887

Sweetspot

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



95.0250, -21.7043, -38.6099



151.0230, -8.3923, -14.9292



117.4500, -32.7598, 7.4984



74.5660, -5.2090, -9.2664



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



95.0250, -21.7043, -38.6099



115.0920, -33.5694, -59.7167



99.3570, -5.1060, -42.4091



61.1090, -2.0257, -3.6036



75.1360, -37.0420, -65.8943



0.0000, 0.0000, 0.0000

Inverse Universe

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



81.9750, 21.7043, 38.6099



94.9080, 33.5694, 59.7167



77.7570, 5.5428, 42.3091



59.8910, 2.0257, 3.6036



52.8640, 37.0420, 65.8943



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 95.0250, -21.7043, -38.6099 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 95.0250, -21.7043, -38.6099 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 95.0250, -21.7043, -38.6099

Background



This preview shows how black text looks on a background with the YUV color 95.0250, -21.7043, -38.6099.



This preview shows how white text looks on a background with the YUV color 95.0250, -21.7043, -38.6099.

-38.6099.

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

95.0250, -21.7043, -38.6099

Protanopia

106.5910, -29.8714, 14.3907

Deuteranopia

108.4980, -25.3885, 23.2423



Tritanopia

104.4890, 11.5909, -31.1239

Trichromacy



Original Color

95.0250, -21.7043, -38.6099

Protanomaly

102.5670, -26.9015, -4.8823

Deuteranomaly

103.6970, -24.0076, 0.2657

Tritanomaly

100.9650, -0.4757, -34.1723

Monochromacy



Original Color

95.0250, -21.7043, -38.6099

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.8490, -7.8136, -13.8996

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.0250, -21.7043, -38.6099 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(51, 126, 51)` looks like.

```
.text, #text, p{  
    color:rgb(51, 126, 51)  
}
```

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(51, 126, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 126, 51) }
```

Border

The CSS property to change the border of an element to YUV 95.0250, -21.7043, -38.6099 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(51, 126, 51) }
```


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

```
.border{ border-color:rgb(51, 126, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 126, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 126, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 126, 51);  
box-shadow:4px 4px 4px 4px rgb(51, 126,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 95.0250, -21.7043, -38.6099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 126, 51) }
```

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

```
.background{ background-color: rgb(51, 126,  
51) }
```

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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