

Converting Colors

YUV(95.8190, -22.5888,
-34.9213)

Have a look what the booklet for
YUV(95.8190, -22.5888, -34.9213)
contains.

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Color

**YUV(95.8190, -22.5888,
-34.9213)**

Conversions

Conversions Part 1

Format	Color
Hex	387D32
RGB	56, 125, 50
RGB Percent	22%, 49%, 20%
CMY	0.7804, 0.5098, 0.8039
CMYK	0.55, 0.00, 0.60, 0.51
HSL	115°, 43%, 34%
HSV	115°, 60%, 49%
XYZ	9.5402, 15.7383, 5.5526
YIQ	95.8190, -17.0490, -37.9530

Conversions

Conversions Part 2

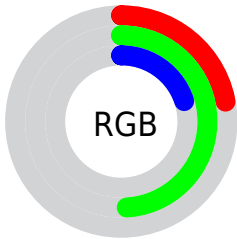
Format	Color
RYB	50, 125, 119
Decimal	3702066
CIELab	46.63, -37.59, 33.81
CIElCh	47, 50.558, 138.023
Yxy	15.7383, 0.3094, 0.5105
Android (android.graphics.Color)	4281892146 (0xFF387D32)
YUV	95.8190, -22.5888, -34.9213
Hunter-Lab	39.6715, -26.4993, 19.4716

Details

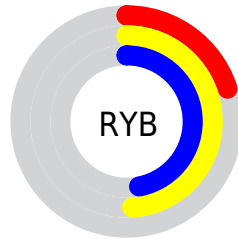
The YUV color **95.8190, -22.5888, -34.9213** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **79.1810, 22.5888, 34.9213**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.3630, -24.3360, -34.5214**, and **44.0250, -21.7043, -38.6099** is the 20% darker color. If you saturate the color by 10%, you get **91.1620, -26.2089, -40.4841**, and if you desaturate by 10%, it is **100.8890, -18.6793, -28.8437**.

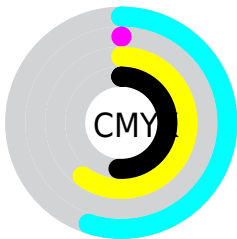
Distribution



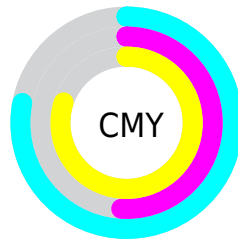
- Red (22%)
- Green (49%)
- Blue (20%)



- Red (20%)
- Yellow (49%)
- Blue (47%)



- Cyan (55%)
- Magenta (0%)
- Yellow (60%)
- Black (51%)



- Cyan (78%)
- Magenta (51%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.8190, -22.5888, -34.9213 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 95.8190, -22.5888, -34.9213 by changing the saturation by 10% instead.

■ 95.8190, -22.5888,
-34.9213

■ 95.8190, -22.5888,
-34.9213

255.0000, 0.0000,
0.0000

■ 69.7370, -21.5623,
-37.4803

■ 148.3630,
-24.3360, -34.5214

■ 44.0250, -21.7043,
-38.6099

■ 175.7220,
-25.4989, -34.8362

■ 29.9370, -14.7589,
-26.2547

■ 204.1950,
-26.2251, -35.2510

■ 18.1970, -8.9711,
-15.9588

■ 227.3850,
-24.3468, -31.0326

■ 0.0000, 0.0000,
0.0000

■ 239.2480,
-16.3913, -16.0035

■ 251.1110, -8.4357,

-0.9743

■ 95.8190, -22.5888,
-34.9213

■ 95.8190, -22.5888,
-34.9213

■ 91.1620, -26.2089,
-40.4841

■ 100.8890,
-18.6793, -28.8437

■ 86.0920, -30.1184,
-46.5617

■ 105.5460,
-15.0592, -23.2808

■ 81.3210, -34.1753,
-52.0245

■ 110.5020,
-11.5865, -17.1033

■ 76.3650, -37.6479,
-58.2021

■ 115.2730, -7.5296,
-11.6404

■ 120.3430, -3.6201,
-5.5628

■ 125.0000, 0.0000,
0.0000

■ 130.0700, 3.9095,
6.0776

■ 134.7270, 7.5296,
11.6404

■ 139.4980, 11.5865,
17.1033

Harmonies

Analogous

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



102.3220, -42.0637, 4.9796



95.8190, -22.5888, -34.9213



86.6840, 2.1278, -76.0219

Triad

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



95.8190, -22.5888, -34.9213



92.5560, 50.0119, -81.1716



107.5080, -10.1104, 69.7145

Complementary

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



95.8190, -22.5888, -34.9213



79.1810, 22.5888, 34.9213

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.



110.4910, 9.1249, 60.0824



95.8190, -22.5888, -34.9213



107.1330, 41.8394, -26.4266

Square

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



95.8190, -22.5888, -34.9213



94.8580, 38.5240, -83.1905



114.1630, 26.5416, 27.0440



107.3930, -29.2807, 58.4143

Rectangle

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



95.8190, -22.5888, -34.9213



90.6910, 14.9423, -79.5360



114.1630, 26.5416, 27.0440



107.9300, -3.4165, 69.3444

Sweetspot

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



95.8190, -22.5888, -34.9213



151.6210, -8.6872, -13.6996



112.9280, -31.0235, 10.5871



74.8650, -5.3564, -8.6516



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.



95.8190, -22.5888, -34.9213



117.3700, -35.1854, -54.6985



97.5590, -8.1636, -41.7092



61.4080, -2.1731, -2.9888



78.1260, -38.5161, -59.7465



0.0000, 0.0000, 0.0000

Inverse Universe

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



79.1810, 22.5888, 34.9213



91.6300, 35.1854, 54.6985



77.4410, 8.1636, 41.7092



59.5920, 2.1731, 2.9888



49.5750, 38.6635, 59.1317



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 95.8190, -22.5888, -34.9213 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 95.8190, -22.5888, -34.9213 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 95.8190, -22.5888, -34.9213

Background



This preview shows how black text looks on a background with the YUV color 95.8190, -22.5888, -34.9213.



This preview shows how white text looks on a background with the YUV color 95.8190, -22.5888, -34.9213.

-34.9213.

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

95.8190, -22.5888, -34.9213

Protanopia

106.2920, -29.7240, 13.7759

Deuteranopia

108.3840, -25.8253, 23.3422



Tritanopia

104.9840, 10.8539, -28.0500

Trichromacy



Original Color

95.8190, -22.5888, -34.9213

Protanomaly

102.1650, -27.1963, -3.6527

Deuteranomaly

103.5940, -24.4498, 2.1101

Tritanomaly

101.7590, -1.3602, -30.4836

Monochromacy



Original Color

95.8190, -22.5888, -34.9213

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.0340, -8.3978, -13.1848

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.8190, -22.5888, -34.9213 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(56, 125, 50)` looks like.

```
.text, #text, p{  
    color:rgb(56, 125, 50)  
}
```

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(56, 125, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 125, 50) }
```

Border

The CSS property to change the border of an element to YUV 95.8190, -22.5888, -34.9213 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(56, 125, 50) }
```


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

```
.border{ border-color:rgb(56, 125, 50) }
```

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

Here you see how a box with a 4 pixel rgb(56, 125, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 125, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 125, 50);  
box-shadow:4px 4px 4px 4px rgb(56, 125,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 95.8190, -22.5888, -34.9213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 125, 50) }
```

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

```
.background{ background-color: rgb(56, 125,  
50) }
```

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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