

Converting Colors

YUV(94.3010, -16.9104,
-36.2210)

Have a look what the booklet for
YUV(94.3010, -16.9104, -36.2210)
contains.

YUV(94.3010, -16.9104, -36.2210)	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(94.3010, -16.9104,
-36.2210)**

Conversions

Conversions Part 1

Format	Color
Hex	357A3C
RGB	53, 122, 60
RGB Percent	21%, 48%, 24%
CMY	0.7922, 0.5216, 0.7647
CMYK	0.57, 0.00, 0.51, 0.52
HSL	126°, 39%, 34%
HSV	126°, 57%, 48%
XYZ	9.2433, 15.0022, 6.6835
YIQ	94.3010, -21.2220, -33.9100

Conversions

Conversions Part 2

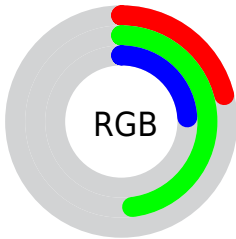
Format	Color
R_{YB}	53, 116, 122
Decimal	3504700
CIE _{Lab}	45.64, -35.75, 27.38
CIE _{LCh}	46, 45.025, 142.552
Yxy	15.0022, 0.2989, 0.4851
Android (android.graphics.Color)	4281694780 (0xFF357A3C)
YUV	94.3010, -16.9104, -36.2210
Hunter-Lab	38.7327, -25.1841, 16.8821

Details

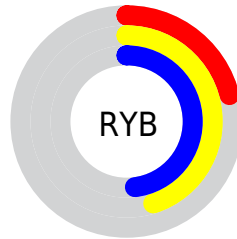
The YUV color **94.3010, -16.9104, -36.2210** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **80.6990, 16.9104, 36.2210**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.8450, -18.6576, -35.8211**, and **43.8600, -14.7210, -38.4652** is the 20% darker color. If you saturate the color by 10%, you get **89.4590, -19.9463, -42.4985**, and if you desaturate by 10%, it is **99.1430, -13.8745, -29.9434**.

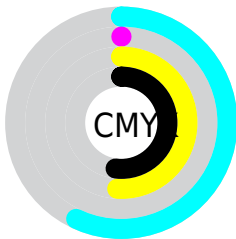
Distribution



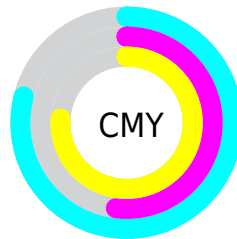
- Red (21%)
- Green (48%)
- Blue (24%)



- Red (21%)
- Yellow (45%)
- Blue (48%)



- Cyan (57%)
- Magenta (0%)
- Yellow (51%)
- Black (52%)



- Cyan (79%)
- Magenta (52%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.3010, -16.9104, -36.2210 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 94.3010, -16.9104, -36.2210 by changing the saturation by 10% instead.

■ 94.3010, -16.9104,
-36.2210

■ 94.3010, -16.9104,
-36.2210

255.0000, 0.0000,
0.0000

■ 68.3330, -15.4472,
-38.8800

■ 146.8450,
-18.6576, -35.8211

■ 43.8600, -14.7210,
-38.4652

■ 174.2040,
-19.8206, -36.1359

■ 28.7630, -14.1802,
-25.2252

■ 201.7910,
-20.1100, -36.6507

■ 16.4360, -8.1029,
-14.4144

■ 227.3290,
-19.3892, -34.4915

■ 0.0000, 0.0000,
0.0000

■ 238.8930,
-11.2862, -20.0772

■ 250.8700, -2.8939,

-5.1480

■ 94.3010, -16.9104,
-36.2210

■ 94.3010, -16.9104,
-36.2210

■ 89.4590, -19.9463,
-42.4985

■ 99.1430, -13.8745,
-29.9434

■ 84.6170, -22.9822,
-48.7761

■ 103.9850,
-10.8386, -23.6658

■ 79.4760, -25.8707,
-55.6685

■ 109.1260, -7.9501,
-16.7735

■ 74.6340, -28.9066,
-61.9460

■ 113.9680, -4.9142,
-10.4959

■ 72.9820, -30.0641,
-64.0052

■ 118.8100, -1.8783,
-4.2184

■ 123.6520, 1.1576,
2.0592

■ 128.4940, 4.1935,
8.3368

■ 133.6350, 7.0819,
15.2291

■ 138.4770, 10.1178,
21.5067

Harmonies

Analogous

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



101.1670, -33.6063, -1.0235



94.3010, -16.9104, -36.2210



85.0200, 5.9061, -74.5625

Triad

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



94.3010, -16.9104, -36.2210



88.3670, 46.6541, -77.4979



106.4700, -12.5567, 60.9778

Complementary

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



94.3010, -16.9104, -36.2210



80.6990, 16.9104, 36.2210

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.



108.4320, 5.2100, 55.7491



94.3010, -16.9104, -36.2210



107.6740, 34.6707, -13.7461

Square

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



94.3010, -16.9104, -36.2210



91.2390, 37.3502, -80.0166



111.3930, 21.0053, 29.4733



105.9790, -28.0906, 50.0074

Rectangle

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



94.3010, -16.9104, -36.2210



87.9840, 17.2629, -77.1620



111.3930, 21.0053, 29.4733



107.0770, -6.4470, 61.3225

Sweetspot

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



94.3010, -16.9104, -36.2210



147.1910, -6.5032, -14.1995



112.0410, -29.1072, 2.5950



72.6200, -3.7567, -8.4367



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



94.3010, -16.9104, -36.2210



114.9490, -26.5969, -56.0833



98.1770, -2.0593, -39.6202



58.6360, -1.2995, -3.1888



74.8570, -30.4955, -65.6496



150.8880, -61.5698, -132.3288

Inverse Universe

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



80.6990, 16.9104, 36.2210



93.9370, 26.1601, 56.1833



76.8230, 2.0593, 39.6202



57.4780, 1.7363, 3.0888



50.1430, 30.4955, 65.6496



101.2260, 62.0066, 132.2288

Previews

White Background



This preview shows how the YUV color 94.3010, -16.9104, -36.2210 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 94.3010, -16.9104, -36.2210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

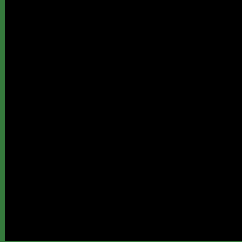
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.3010, -16.9104, -36.2210

Background



This preview shows how black text looks on a background with the YUV color 94.3010, -16.9104, -36.2210.



This preview shows how white text looks on a background with the YUV color 94.3010, -16.9104,

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

94.3010, -16.9104, -36.2210

Protanopia

105.2470, -24.7718, 12.0614

Deuteranopia

106.7410, -20.5783, 20.3981



Tritanopia

102.2720, 10.7119, -29.1795

Trichromacy



Original Color

94.3010, -16.9104, -36.2210

Protanomaly

101.2340, -21.8074, -5.4672

Deuteranomaly

102.2500, -19.3502, -0.2192

Tritanomaly

99.6170, 0.6818, -32.1131

Monochromacy



Original Color

94.3010, -16.9104, -36.2210

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.0170, -5.9244, -13.1699

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.3010, -16.9104, -36.2210 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(53, 122, 60)` looks like.

```
.text, #text, p{  
    color:rgb(53, 122, 60)  
}
```

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(53, 122, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 122, 60) }
```

Border

The CSS property to change the border of an element to YUV 94.3010, -16.9104, -36.2210 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(53, 122, 60) }
```


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

```
.border{ border-color:rgb(53, 122, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 122, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 122, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 122, 60);  
box-shadow:4px 4px 4px 4px rgb(53, 122,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 94.3010, -16.9104, -36.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 122, 60) }
```

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

```
.background{ background-color: rgb(53, 122,  
60) }
```

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