

Converting Colors

YUV(91.9170, 2.5059, -10.4512)

Have a look what the booklet for
YUV(91.9170, 2.5059, -10.4512)
contains.

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Color

**YUV(91.9170, 2.5059,
-10.4512)**

Conversions

Conversions Part 1

Format	Color
Hex	506161
RGB	80, 97, 97
RGB Percent	31%, 38%, 38%
CMY	0.6863, 0.6196, 0.6196
CMYK	0.18, 0.00, 0.00, 0.62
HSL	180°, 10%, 35%
HSV	180°, 18%, 38%
XYZ	9.7406, 11.1179, 12.9418
YIQ	91.9170, -10.1320, -3.6040

Conversions

Conversions Part 2

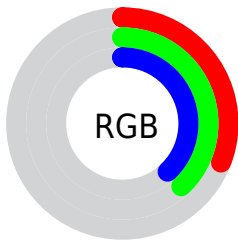
Format	Color
R_{YB}	80, 89, 97
Decimal	5267809
CIE _{Lab}	39.78, -6.44, -2.17
CIE _{LCh}	40, 6.794, 198.586
Yxy	11.1179, 0.2882, 0.3289
Android (android.graphics.Color)	4283457889 (0xFF506161)
YUV	91.9170, 2.5059, -10.4512
Hunter-Lab	33.3436, -6.2062, 0.3279

Details

The YUV color **91.9170, 2.5059, -10.4512** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **85.0830, -2.5059, 10.4512**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.3190, 2.8007, -11.6808**, and **46.2160, 2.3585, -9.8364** is the 20% darker color. If you saturate the color by 10%, you get **88.9270, 3.9800, -16.5990**, and if you desaturate by 10%, it is **94.9070, 1.0318, -4.3034**.

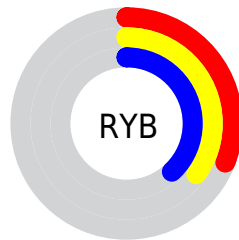
Distribution



Red (31%)

Green (38%)

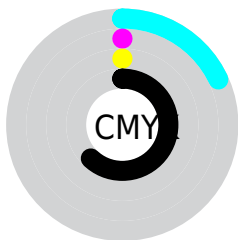
Blue (38%)



Red (31%)

Yellow (35%)

Blue (38%)

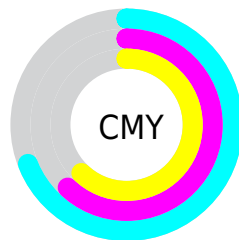


Cyan (18%)

Magenta (0%)

Yellow (0%)

Black (62%)



Cyan (69%)

Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.9170, 2.5059, -10.4512 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 91.9170, 2.5059, -10.4512 by changing the saturation by 10% instead.

91.9170, 2.5059,
-10.4512

91.9170, 2.5059,
-10.4512

255.0000, 0.0000,
0.0000

68.2160, 2.3585,
-9.8364

142.3190, 2.8007,
-11.6808

46.2160, 2.3585,
-9.8364

168.6180, 2.6533,
-11.0660

25.2160, 2.3585,
-9.8364

196.2050, 2.3639,
-11.5808

0.4560, 1.7472,
-0.3999

224.0200, 2.9481,
-12.2955

0.0000, 0.0000,
0.0000

250.2160, 2.3585,
-9.8364

■ 91.9170, 2.5059,
-10.4512

■ 91.9170, 2.5059,
-10.4512

■ 88.9270, 3.9800,
-16.5990

■ 94.9070, 1.0318,
-4.3034

■ 86.2360, 5.3067,
-22.1320

■ 97.5980, -0.2948,
1.2296

■ 83.2460, 6.7807,
-28.2797

■ 100.5880, -1.7689,
7.3773

■ 80.2560, 8.2548,
-34.4275

■ 103.5780, -3.2430,
13.5251

■ 77.5650, 9.5815,
-39.9605

■ 106.5680, -4.7170,
19.6729

■ 74.5750, 11.0555,
-46.1083

■ 109.2590, -6.0437,
25.2059

■ 71.5850, 12.5296,
-52.2560

■ 112.2490, -7.5178,
31.3536

■ 68.5950, 14.0037,

■ 115.2390, -8.9918,

-58.4038

37.5014

■ 67.9970, 14.2985,
-59.6334

■ 117.9300,
-10.3185, 43.0344

Harmonies

Analogous

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



92.1300, -0.5571, -8.0070



91.9170, 2.5059, -10.4512



92.1990, 4.8319, -9.8215

Triad

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



91.9170, 2.5059, -10.4512



94.5320, 3.1887, 3.9184



93.9530, -5.3998, 5.3032

Complementary

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



91.9170, 2.5059, -10.4512



85.0830, -2.5059, 10.4512

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.



94.3170, -4.1003, 8.4920



91.9170, 2.5059, -10.4512



94.8700, 0.5571, 8.0070

Square

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



91.9170, 2.5059, -10.4512



93.9550, 4.9522, -1.7145



94.7840, -2.3585, 9.8364



93.0450, -4.9522, 1.7145

Rectangle

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



91.9170, 2.5059, -10.4512



92.7370, 5.5527, -7.6623



94.7840, -2.3585, 9.8364



94.0780, -4.9685, 6.9476

Sweetspot

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



91.9170, 2.5059, -10.4512



123.2060, 0.8844, -3.6887



89.9790, -4.9196, -8.7516



62.8040, 0.5896, -2.4591



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



91.9170, 2.5059, -10.4512



117.2260, 3.8326, -15.9842



87.2210, 4.8210, -6.3328



46.8040, 0.5896, -2.4591



78.5120, 16.5096, -68.8550



168.2400, 35.3777, -147.5465

Inverse Universe

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



87.0210, 4.9196, 8.7516



109.7380, 7.5242, 13.3848



90.3660, -5.1104, 5.8180



45.6520, 1.1576, 2.0592



46.2560, 32.4118, 57.6575



99.1200, 69.4538, 123.5518

Previews

White Background



This preview shows how the YUV color 91.9170, 2.5059, -10.4512 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 91.9170, 2.5059, -10.4512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

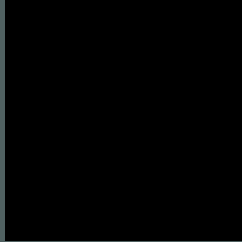
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.9170, 2.5059, -10.4512

Background



This preview shows how black text looks on a background with the YUV color 91.9170, 2.5059, -10.4512.



This preview shows how white text looks on a background with the YUV color 91.9170, 2.5059, -10.4512.

-10.4512.

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

91.9170, 2.5059, -10.4512

Protanopia

93.8260, 0.5788, 1.0296

Deuteranopia

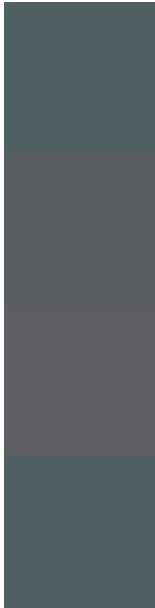
94.4890, 1.7309, 4.8331



Tritanopia

92.4270, 5.7055, -10.0215

Trichromacy



Original Color

91.9170, 2.5059, -10.4512

Protanomaly

93.0320, 1.4632, -2.6591

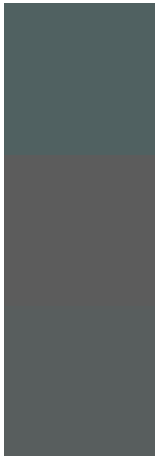
Deuteranomaly

93.5700, 2.1840, -0.4999

Tritanomaly

92.0850, 4.3951, -9.7215

Monochromacy



Original Color

91.9170, 2.5059, -10.4512

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

92.2060, 0.8844, -3.6887

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.9170, 2.5059, -10.4512 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(80, 97, 97)` looks like.

```
.text, #text, p{  
    color:rgb(80, 97, 97)  
}
```

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(80, 97, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 97, 97) }
```

Border

The CSS property to change the border of an element to YUV 91.9170, 2.5059, -10.4512 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(80, 97, 97) }
```


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

```
.border{ border-color:rgb(80, 97, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 97, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 97, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 97, 97);  
box-shadow:4px 4px 4px 4px rgb(80, 97, 97)  
}
```

Background

The CSS property to change the background color of an element to YUV 91.9170, 2.5059, -10.4512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 97, 97) }
```

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

```
.background{ background-color: rgb(80, 97,  
97) }
```

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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