

Converting Colors

YUV(59.0510, 5.8909, -22.8467)

Have a look what the booklet for
YUV(59.0510, 5.8909, -22.8467)
contains.

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Color

**YUV(59.0510, 5.8909,
-22.8467)**

Conversions

Conversions Part 1

Format	Color
Hex	214647
RGB	33, 70, 71
RGB Percent	13%, 27%, 28%
CMY	0.8706, 0.7255, 0.7216
CMYK	0.54, 0.01, 0.00, 0.72
HSL	182°, 37%, 20%
HSV	182°, 54%, 28%
XYZ	3.9547, 5.1586, 6.7485
YIQ	59.0510, -22.3730, -7.5330

Conversions

Conversions Part 2

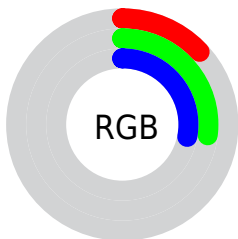
Format	Color
R_{YB}	33, 52, 71
Decimal	2180679
CIE _{Lab}	27.18, -12.87, -4.70
CIE _{LCh}	27, 13.701, 200.052
Yxy	5.1586, 0.2493, 0.3252
Android (android.graphics.Color)	4280370759 (0xFF214647)
YUV	59.0510, 5.8909, -22.8467
Hunter-Lab	22.7125, -8.6666, -1.7179

Details

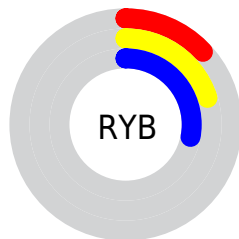
The YUV color **59.0510, 5.8909, -22.8467** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **44.9490, -5.8909, 22.8467**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.0510, 5.8909, -22.8467**, and **19.0410, 4.4168, -16.6990** is the 20% darker color. If you saturate the color by 10%, you get **56.9580, 6.9227, -27.1502**, and if you desaturate by 10%, it is **61.1440, 4.8590, -18.5433**.

Distribution



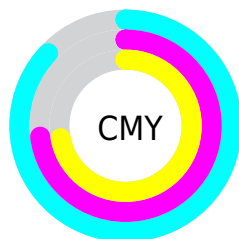
- Red (13%)
- Green (27%)
- Blue (28%)



- Red (13%)
- Yellow (20%)
- Blue (28%)



- Cyan (54%)
- Magenta (1%)
- Yellow (0%)
- Black (72%)



- Cyan (87%)
- Magenta (73%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.0510, 5.8909, -22.8467 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 59.0510, 5.8909, -22.8467 by changing the saturation by 10% instead.

■ 59.0510, 5.8909,
-22.8467

■ 59.0510, 5.8909,
-22.8467

■ 255.0000, 0.0000,
0.0000

■ 35.8550, 6.4805,
-25.3058

■ 107.0510, 5.8909,
-22.8467

■ 19.0410, 4.4168,
-16.6990

■ 132.7520, 6.0383,
-23.4615

■ 0.0000, 0.0000,
0.0000

■ 159.3390, 5.7489,
-23.9763

■ 186.4530, 6.1857,
-24.0763

■ 214.1540, 6.3331,
-24.6911

■ 242.7410, 6.0437,

-25.2059

251.1130, 1.9163,
-7.9921

59.0510, 5.8909,
-22.8467

59.0510, 5.8909,
-22.8467

56.9580, 6.9227,
-27.1502

61.1440, 4.8590,
-18.5433

54.8650, 7.9546,
-31.4536

63.2370, 3.8272,
-14.2398

52.1850, 9.2758,
-35.2422

65.9170, 2.5059,
-10.4512

50.0920, 10.3076,
-39.5457

68.0100, 1.4741,
-6.1478

48.5970, 11.0447,
-42.6196

70.4020, 0.2948,
-1.2296

■ 72.4950, -0.7370,
3.0739

■ 74.5880, -1.7689,
7.3773

■ 76.6810, -2.8007,
11.6808

■ 79.3610, -4.1220,
15.4694

Harmonies

Analogous

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



60.1890, -0.0932, -16.8288



59.0510, 5.8909, -22.8467



60.0880, 9.8166, -22.0022

Triad

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



59.0510, 5.8909, -22.8467



65.6510, 6.0881, 7.3221



63.8350, -9.7787, 9.7917

Complementary

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



59.0510, 5.8909, -22.8467



44.9490, -5.8909, 22.8467

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.



65.0360, -7.9057, 15.7544



59.0510, 5.8909, -22.8467



66.0280, 0.9722, 14.8844

Square

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



59.0510, 5.8909, -22.8467



64.7960, 9.4676, -3.3291



65.4860, -3.6906, 17.1138



62.8940, -9.3147, 0.9700

Rectangle

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



59.0510, 5.8909, -22.8467



61.4630, 11.1107, -17.0691



65.4860, -3.6906, 17.1138



64.2590, -9.4947, 12.0509

Sweetspot

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



59.0510, 5.8909, -22.8467



86.9280, 2.5005, -8.7069



55.4200, -10.5601, -19.6623



43.3090, 1.3267, -5.5330



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



59.0510, 5.8909, -22.8467



73.1850, 9.2758, -35.2422



47.8980, 11.3893, -13.0655



34.8040, 0.5896, -2.4591



68.2250, 15.1721, -59.8333



155.6050, 35.1977, -136.4656

Inverse Universe

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



48.5800, 10.5601, 19.6623



57.1390, 16.2005, 30.5731



56.1020, -11.3893, 13.0655



33.6520, 1.1576, 2.0592



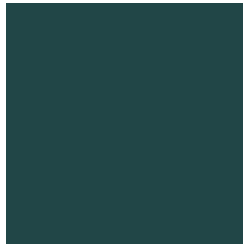
40.6590, 27.7761, 51.1651



93.0670, 63.0710, 117.4592

Previews

White Background



This preview shows how the YUV color 59.0510, 5.8909, -22.8467 looks on a white background.

Color Contrast Check

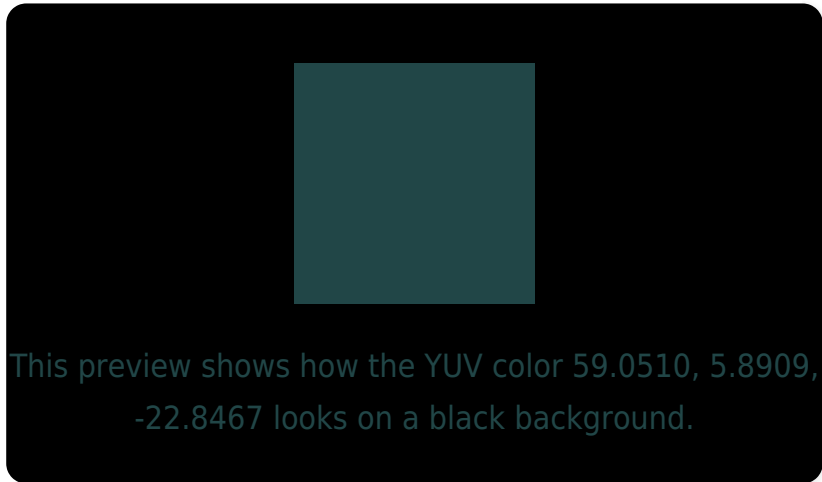
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

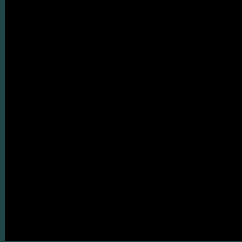
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.0510, 5.8909, -22.8467

Background



This preview shows how black text looks on a background with the YUV color 59.0510, 5.8909, -22.8467.



This preview shows how white text looks on a background with the YUV color 59.0510, 5.8909, -22.8467.

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

59.0510, 5.8909, -22.8467

Protanopia

64.3420, 1.3104, -0.2999

Deuteranopia

64.4500, 4.2151, 1.3593



Tritanopia

59.2190, 7.7800, -22.1171

Trichromacy



Original Color

59.0510, 5.8909, -22.8467

Protanomaly

62.3410, 2.7899, -8.1921

Deuteranomaly

62.5090, 4.6791, -7.4624

Tritanomaly

59.1050, 7.3432, -22.0171

Monochromacy



Original Color

59.0510, 5.8909, -22.8467

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.1130, 1.9163, -7.9921

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.0510, 5.8909, -22.8467 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(33, 70, 71)` looks like.

```
.text, #text, p{  
    color:rgb(33, 70, 71)  
}
```

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(33, 70, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 70, 71) }
```

Border

The CSS property to change the border of an element to YUV 59.0510, 5.8909, -22.8467 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(33, 70, 71) }
```


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

```
.border{ border-color:rgb(33, 70, 71) }
```

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

Here you see how a box with a 4 pixel rgb(33, 70, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 70, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 70, 71);  
box-shadow:4px 4px 4px 4px rgb(33, 70, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.0510, 5.8909, -22.8467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 70, 71) }
```

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

```
.background{ background-color: rgb(33, 70,  
71) }
```

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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