

Converting Colors

YUV(75.5170, 25.8741,
-39.0414)

Have a look what the booklet for
YUV(75.5170, 25.8741, -39.0414)
contains.

YUV(75.5170, 25.8741, -39.0414)	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>	30

Color

**YUV(75.5170, 25.8741,
-39.0414)**

Conversions

Conversions Part 1

Format	Color
Hex	1F5880
RGB	31, 88, 128
RGB Percent	12%, 35%, 50%
CMY	0.8784, 0.6549, 0.4980
CMYK	0.76, 0.31, 0.00, 0.50
HSL	205°, 61%, 31%
HSV	205°, 76%, 50%
XYZ	7.9511, 8.8293, 21.7072
YIQ	75.5170, -46.8120, 0.3560

Conversions

Conversions Part 2

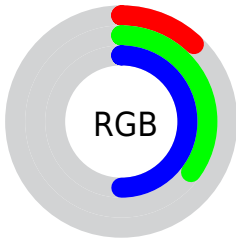
Format	Color
R _Y B	31, 67, 128
Decimal	2054272
CIE Lab	35.65, -3.97, -27.78
CIE LCh	36, 28.061, 261.868
Yxy	8.8293, 0.2066, 0.2294
Android (android.graphics.Color)	4280244352 (0xFF1F5880)
YUV	75.5170, 25.8741, -39.0414
Hunter-Lab	29.7141, -4.2355, -22.5137

Details

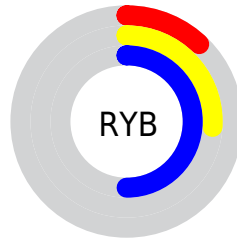
The YUV color **75.5170, 25.8741, -39.0414** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **83.4830, -25.8741, 39.0414**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.2510, 26.0053, -34.4231**, and **34.2470, 22.0632, -30.0346** is the 20% darker color. If you saturate the color by 10%, you get **68.6950, 29.2374, -44.4595**, and if you desaturate by 10%, it is **82.3390, 22.5109, -33.6233**.

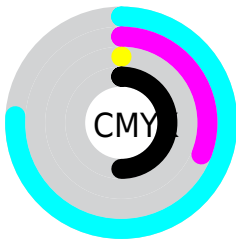
Distribution



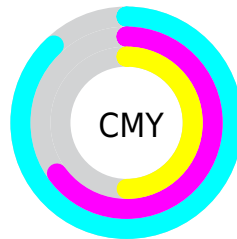
- Red (12%)
- Green (35%)
- Blue (50%)



- Red (12%)
- Yellow (26%)
- Blue (50%)



- Cyan (76%)
- Magenta (31%)
- Yellow (0%)
- Black (50%)



- Cyan (88%)
- Magenta (65%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.5170, 25.8741, -39.0414 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 75.5170, 25.8741, -39.0414 by changing the saturation by 10% instead.

■ 75.5170, 25.8741,
-39.0414

■ 75.5170, 25.8741,
-39.0414

■ 255.0000, 0.0000,
0.0000

■ 49.8970, 26.1798,
-43.7597

■ 128.2510, 26.0053,
-34.4231

■ 34.2470, 22.0632,
-30.0346

■ 155.0770, 26.5840,
-33.3935

■ 19.7710, 17.3679,
-17.3392

■ 182.1910, 27.0208,
-33.4935

■ 5.0500, 14.2723,
-4.4289

■ 209.0510, 22.6529,
-32.4937

■ 0.7980, 3.0576,
-0.6998

■ 234.1580, 10.2751,
-29.0796

■ 0.0000, 0.0000,
0.0000

■ 247.5250, 3.6852,

-15.3694

■ 75.5170, 25.8741,
-39.0414

■ 75.5170, 25.8741,
-39.0414

■ 68.6950, 29.2374,
-44.4595

■ 82.3390, 22.5109,
-33.6233

■ 61.2860, 32.8900,
-49.3628

■ 89.7480, 18.8582,
-28.7200

■ 58.6170, 34.2058,
-51.4071

■ 96.2710, 15.6424,
-23.9167

■ 103.0930, 12.2792,
-18.4986

■ 109.9150, 8.9159,
-13.0805

■ 117.3240, 5.2633,
-8.1771

■ 124.1460, 1.9000,
-2.7590

■ 130.6690, -1.3158,
2.0443

■ 138.0780, -4.9685,
6.9476

Harmonies

Analogous

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



68.1570, 25.0656, -59.7737



75.5170, 25.8741, -39.0414



83.9340, 20.2455, -6.9581

Triad

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



75.5170, 25.8741, -39.0414



84.1680, -7.9708, 36.6867



77.3060, -10.9969, -19.5624

Complementary

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



75.5170, 25.8741, -39.0414



83.4830, -25.8741, 39.0414

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.



80.5490, -19.4977, 0.3955



75.5170, 25.8741, -39.0414



83.4310, -16.9745, 31.1940

Square

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



75.5170, 25.8741, -39.0414



85.8930, 2.5178, 32.5428



82.2030, -21.2991, 18.2390



69.0280, 3.9302, -47.3826

Rectangle

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



75.5170, 25.8741, -39.0414



86.3660, 15.1026, 9.3260



82.2030, -21.2991, 18.2390



78.1390, -14.3655, -12.3999

Sweetspot

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



75.5170, 25.8741, -39.0414



145.2460, 10.2317, -15.1247



92.3850, -11.0358, -53.8346



71.2530, 6.2843, -8.9919



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



75.5170, 25.8741, -39.0414



84.4570, 40.2007, -60.9138



47.9280, 39.4755, -14.8459



60.1460, 1.9000, -2.7590



58.6170, 34.2058, -51.4071



0.0000, 0.0000, 0.0000

Inverse Universe

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



66.5010, 10.5990, 53.9346



70.2950, 16.6166, 83.9333



111.0720, -39.4755, 14.8459



59.5490, 0.7153, 3.9035



46.8220, 13.8918, 71.1931



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 75.5170, 25.8741, -39.0414 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



This preview shows how the YUV color 75.5170, 25.8741, -39.0414 looks on a 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 75.5170, 25.8741, -39.0414

Background



This preview shows how black text looks on a background with the YUV color 75.5170, 25.8741, -39.0414.



This preview shows how white text looks on a background with the YUV color 75.5170, 25.8741, -39.0414.

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

75.5170, 25.8741, -39.0414

Protanopia

83.0860, 19.6776, -11.4764

Deuteranopia

81.3670, 23.4831, -18.7389

Trichromacy



Original Color

75.5170, 25.8741, -39.0414

Protanomaly

80.3020, 22.0361, -21.3129

Deuteranomaly

79.2520, 24.5258, -26.5310

Monochromacy



Original Color

75.5170, 25.8741, -39.0414

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.7300, 9.5001, -13.7952

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.5170, 25.8741, -39.0414 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(31, 88, 128)` looks like.

```
.text, #text, p{  
    color:rgb(31, 88, 128)  
}
```

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(31, 88, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 88, 128) }
```

Border

The CSS property to change the border of an element to YUV 75.5170, 25.8741, -39.0414 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(31, 88, 128) }
```

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

```
.border{ border-color:rgb(31, 88, 128) }
```

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

Here you see how a box with a 4 pixel rgb(31, 88, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 88, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 88, 128);  
box-shadow:4px 4px 4px 4px rgb(31, 88,  
128) }
```


Background

The CSS property to change the background color of an element to YUV 75.5170, 25.8741, -39.0414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 88, 128) }
```

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

```
.background{ background-color: rgb(31, 88,  
128) }
```

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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