

Converting Colors

YUV(59.1570, 28.5166,
-46.6187)

Have a look what the booklet for
YUV(59.1570, 28.5166, -46.6187)
contains.

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Color

**YUV(59.1570, 28.5166,
-46.6187)**

Conversions

Conversions Part 1

Format	Color
Hex	064B75
RGB	6, 75, 117
RGB Percent	2%, 29%, 46%
CMY	0.9765, 0.7059, 0.5412
CMYK	0.95, 0.36, 0.00, 0.54
HSL	203°, 90%, 24%
HSV	203°, 95%, 46%
XYZ	5.8021, 6.3552, 17.7505
YIQ	59.1570, -54.6060, -1.5660

Conversions

Conversions Part 2

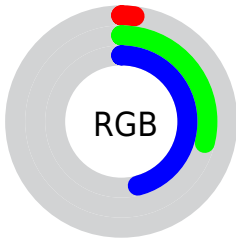
Format	Color
R_{YB}	6, 49, 117
Decimal	412533
CIE _{Lab}	30.29, -2.66, -29.44
CIE _{LCh}	30, 29.563, 264.837
Yxy	6.3552, 0.1940, 0.2125
Android (android.graphics.Color)	4278602613 (0xFF064B75)
YUV	59.1570, 28.5166, -46.6187
Hunter-Lab	25.2096, -3.0344, -24.1004

Details

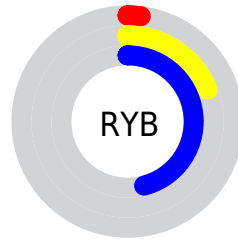
The YUV color **59.1570, 28.5166, -46.6187** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **63.8430, -28.5166, 46.6187**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.8920, 27.1682, -34.1083**, and **26.5360, 20.4418, -23.2721** is the 20% darker color. If you saturate the color by 10%, you get **56.1890, 29.9798, -49.2778**, and if you desaturate by 10%, it is **65.0930, 25.5902, -41.3006**.

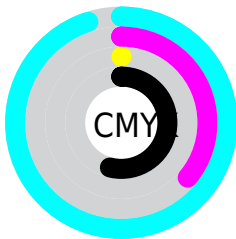
Distribution



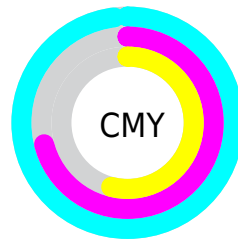
- Red (2%)
- Green (29%)
- Blue (46%)



- Red (2%)
- Yellow (19%)
- Blue (46%)



- Cyan (95%)
- Magenta (36%)
- Yellow (0%)
- Black (54%)



- Cyan (98%)
- Magenta (71%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.1570, 28.5166, -46.6187 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 59.1570, 28.5166, -46.6187 by changing the saturation by 10% instead.

■ 59.1570, 28.5166,
-46.6187

■ 59.1570, 28.5166,
-46.6187

■ 255.0000, 0.0000,
0.0000

■ 41.5990, 24.8477,
-36.4823

■ 113.8920, 27.1682,
-34.1083

■ 26.5360, 20.4418,
-23.2721

■ 140.7180, 27.7470,
-33.0787

■ 8.7660, 18.3564,
-7.6878

■ 167.8320, 28.1838,
-33.1787

■ 3.3230, 10.1938,
-2.9143

■ 195.3590, 28.9100,
-32.7638

■ 0.0000, 0.0000,
0.0000

■ 220.2810, 17.1165,
-30.0644

■ 243.0400, 5.8963,

-24.5911

251.7110, 1.6215,
-6.7625

59.1570, 28.5166,
-46.6187

59.1570, 28.5166,
-46.6187

56.1890, 29.9798,
-49.2778

65.0930, 25.5902,
-41.3006

71.3170, 22.5217,
-37.1120

77.2530, 19.5953,
-31.7939

83.7760, 16.3794,
-26.9906

89.7120, 13.4530,
-21.6724

■ 95.9360, 10.3846,
-17.4839

■ 101.8720, 7.4581,
-12.1657

■ 107.8080, 4.5317,
-6.8476

■ 114.0320, 1.4632,
-2.6591

Harmonies

Analogous

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



59.2720, 24.0229, -51.9815



59.1570, 28.5166, -46.6187



71.9450, 20.2401, -5.2138

Triad

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



59.1570, 28.5166, -46.6187



71.2390, -8.9918, 37.5014



63.0390, -9.3862, -22.8362

Complementary

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



59.1570, 28.5166, -46.6187



63.8430, -28.5166, 46.6187

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.



67.1250, -19.7816, -1.8636



59.1570, 28.5166, -46.6187



70.4910, -17.9901, 30.2644

Square

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



59.1570, 28.5166, -46.6187



72.3770, 1.7861, 33.8724



69.5510, -22.4566, 16.1798



56.2450, 4.8092, -49.3269

Rectangle

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



59.1570, 28.5166, -46.6187



73.9750, 14.8023, 12.2999



69.5510, -22.4566, 16.1798



64.9430, -13.7759, -14.8590

Sweetspot

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



59.1570, 28.5166, -46.6187



130.7510, 10.9688, -18.1986



75.8310, -14.2137, -61.2418



63.0570, 6.8739, -11.4510



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



59.1570, 28.5166, -46.6187



73.2070, 39.3379, -64.2025



27.4590, 44.1437, -18.8195



55.4450, 1.7526, -2.1443



58.5200, 31.2956, -51.3220



119.4850, 64.3439, -104.7883

Inverse Universe

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



47.0550, 13.7769, 61.3418



56.5770, 18.9425, 84.5630



95.5410, -44.1437, 18.8195



55.1360, 0.4260, 3.3887



45.1420, 15.2130, 67.4045



92.4200, 30.8519, 138.1977

Previews

White Background



This preview shows how the YUV color 59.1570, 28.5166, -46.6187 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 59.1570, 28.5166, -46.6187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

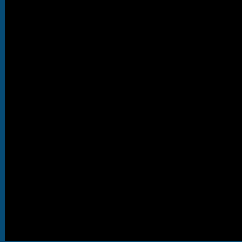
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.1570, 28.5166, -46.6187

Background



This preview shows how black text looks on a background with the YUV color 59.1570, 28.5166, -46.6187.



This preview shows how white text looks on a background with the YUV color 59.1570, 28.5166, -46.6187.

-46.6187.

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

59.1570, 28.5166, -46.6187

Protanopia

70.7160, 20.8460, -12.9059

Deuteranopia

68.2740, 24.5149, -23.0423



Tritanopia

56.0630, 14.2659, -49.1673

Trichromacy



Original Color

59.1570, 28.5166, -46.6187

Protanomaly

66.6220, 23.3574, -25.1015

Deuteranomaly

64.9740, 26.1418, -31.5492

Tritanomaly

57.4420, 19.5021, -48.6226

Monochromacy



Original Color

59.1570, 28.5166, -46.6187

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.2350, 10.2371, -16.8691

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.1570, 28.5166, -46.6187 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(6, 75, 117)` looks like.

```
.text, #text, p{  
    color:rgb(6, 75, 117)  
}
```

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(6, 75, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 75, 117) }
```

Border

The CSS property to change the border of an element to YUV 59.1570, 28.5166, -46.6187 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(6, 75, 117) }
```


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

```
.border{ border-color:rgb(6, 75, 117) }
```

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

Here you see how a box with a 4 pixel rgb(6, 75, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 75, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 75, 117);  
box-shadow:4px 4px 4px 4px rgb(6, 75, 117)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.1570, 28.5166, -46.6187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 75, 117) }
```

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

```
.background{ background-color: rgb(6, 75,  
117) }
```

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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