

Converting Colors

YUV(104.2990, 26.4746,
-44.9892)

Have a look what the booklet for
YUV(104.2990, 26.4746, -44.9892)
contains.

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Color

**YUV(104.2990, 26.4746,
-44.9892)**

Conversions

Conversions Part 1

Format	Color
Hex	35789E
RGB	53, 120, 158
RGB Percent	21%, 47%, 62%
CMY	0.7922, 0.5294, 0.3804
CMYK	0.66, 0.24, 0.00, 0.38
HSL	202°, 50%, 41%
HSV	202°, 66%, 62%
XYZ	14.3562, 16.6584, 34.8065
YIQ	104.2990, -52.1300, -2.3860

Conversions

Conversions Part 2

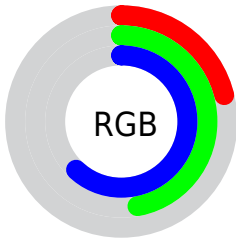
Format	Color
RYB	53, 94, 158
Decimal	3504286
CIELab	47.83, -8.84, -26.70
CIELCh	48, 28.129, 251.691
Yxy	16.6584, 0.2181, 0.2531
Android (android.graphics.Color)	4281694366 (0xFF35789E)
YUV	104.2990, 26.4746, -44.9892
Hunter-Lab	40.8148, -8.6401, -21.9917

Details

The YUV color **104.2990, 26.4746, -44.9892** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **106.7010, -26.4746, 44.9892**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.4350, 26.9005, -41.6005**, and **54.3480, 25.4644, -47.6632** is the 20% darker color. If you saturate the color by 10%, you get **95.9930, 30.5695, -51.7369**, and if you desaturate by 10%, it is **112.6050, 22.3797, -38.2416**.

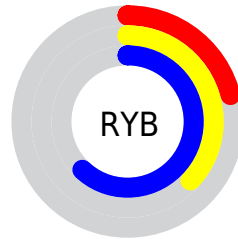
Distribution



Red (21%)

Green (47%)

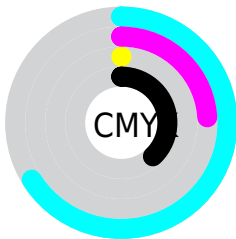
Blue (62%)



Red (21%)

Yellow (37%)

Blue (62%)

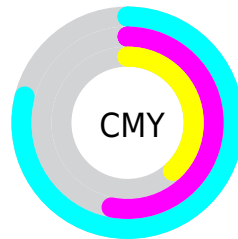


Cyan (66%)

Magenta (24%)

Yellow (0%)

Black (38%)



Cyan (79%)

Magenta (53%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.2990, 26.4746, -44.9892 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 104.2990, 26.4746, -44.9892 by changing the saturation by 10% instead.

■ 104.2990, 26.4746,
-44.9892

■ 104.2990, 26.4746,
-44.9892

■ 255.0000, 0.0000,
0.0000

■ 74.9990, 28.1015,
-53.4961

■ 158.4350, 26.9005,
-41.6005

■ 54.3480, 25.4644,
-47.6632

■ 186.4350, 26.9005,
-41.6005

■ 38.1110, 21.6373,
-33.4233

■ 212.8390, 20.7854,
-40.2008

■ 23.7490, 17.3787,
-20.8279

■ 237.3590, 8.6970,
-36.2718

■ 5.3920, 15.5827,
-4.7288

■ 246.0300, 4.4222,
-18.4433

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,

0.0000

■ 104.2990, 26.4746,
-44.9892

■ 104.2990, 26.4746,
-44.9892

■ 95.9930, 30.5695,
-51.7369

■ 112.6050, 22.3797,
-38.2416

■ 88.2740, 34.3749,
-58.9993

■ 120.3240, 18.5743,
-30.9791

■ 80.2670, 38.3224,
-65.1322

■ 128.3310, 14.6268,
-24.8463

■ 77.2990, 39.7856,
-67.7912

■ 136.6370, 10.5320,
-18.0986

■ 144.9430, 6.4371,
-11.3510

■ 152.6620, 2.6316,
-4.0886

■ 160.9680, -1.4632,
2.6591

■ 168.9750, -5.4107,
8.7919

■ 176.6940, -9.2161,
16.0544

Harmonies

Analogous

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



93.0800, 25.1036, -71.9842



104.2990, 26.4746, -44.9892



112.6770, 23.3302, -16.3797

Triad

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



104.2990, 26.4746, -44.9892



115.5750, -5.2135, 38.9607



107.9110, -15.2391, -12.1999

Complementary

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



104.2990, 26.4746, -44.9892



106.7010, -26.4746, 44.9892

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.



110.9090, -22.1401, 7.9728



104.2990, 26.4746, -44.9892



114.2190, -15.3910, 36.6419

Square

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



104.2990, 26.4746, -44.9892



116.7940, 6.0176, 29.9987



113.1330, -21.7576, 25.3164



103.6830, -2.8017, -34.8020

Rectangle

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



104.2990, 26.4746, -44.9892



115.6470, 18.9080, 2.0636



113.1330, -21.7576, 25.3164



108.8580, -18.1710, -5.1375

Sweetspot

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



104.2990, 26.4746, -44.9892



185.6370, 10.5320, -18.0986



118.8530, -14.2245, -57.7531



91.3560, 6.7265, -10.8362



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



104.2990, 26.4746, -44.9892



122.1460, 41.8330, -71.1650



74.3620, 41.2335, -18.7345



74.8470, 2.0474, -3.3738



69.7190, 36.1275, -61.1436



7.5800, 3.6581, -6.6477

Inverse Universe

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



92.0330, 13.7877, 57.8531



102.7180, 21.8310, 91.4553



136.6380, -41.2335, 18.7345



73.9620, 1.0047, 4.4183



53.1310, 18.6694, 78.8151



5.6250, 2.1569, 8.2219

Previews

White Background



This preview shows how the YUV color 104.2990, 26.4746, -44.9892 looks on a white background.

Color Contrast Check

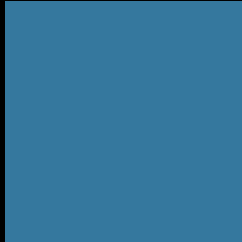
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.2990, 26.4746, -44.9892 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 104.2990, 26.4746, -44.9892

Background



This preview shows how black text looks on a background with the YUV color 104.2990, 26.4746, -44.9892.

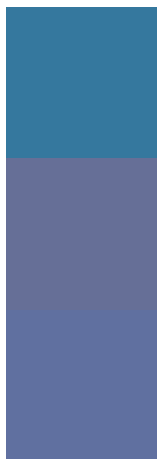


This preview shows how white text looks on a background with the YUV color 104.2990, 26.4746, -44.9892.

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

104.2990, 26.4746, -44.9892

Protanopia

112.8690, 18.7986, -9.5321

Deuteranopia

112.6880, 23.3248, -14.6354



Tritanopia

99.7250, 16.8976, -53.2558

Trichromacy



Original Color

104.2990, 26.4746, -44.9892

Protanomaly

109.5900, 21.8941, -22.4424

Deuteranomaly

109.5510, 24.3784, -25.9162

Tritanomaly

101.6590, 20.3811, -50.5669

Monochromacy



Original Color

104.2990, 26.4746, -44.9892

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.1210, 9.8003, -16.7691

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.2990, 26.4746, -44.9892 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, 120, 158)` looks like.

```
.text, #text, p{  
    color:rgb(53, 120, 158)  
}
```

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, 120, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 120, 158) }
```

Border

The CSS property to change the border of an element to YUV 104.2990, 26.4746, -44.9892 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, 120, 158) }
```


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

```
.border{ border-color:rgb(53, 120, 158) }
```

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

Here you see how a box with a 4 pixel rgb(53, 120, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 120, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 120, 158);  
box-shadow:4px 4px 4px 4px rgb(53, 120,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 104.2990, 26.4746, -44.9892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 120, 158) }
```

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

```
.background{ background-color: rgb(53, 120,  
158) }
```

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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