

Converting Colors

YUV(112.4990, 26.3760,
-60.0736)

Have a look what the booklet for
YUV(112.4990, 26.3760, -60.0736)
contains.

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Color

**YUV(112.4990, 26.3760,
-60.0736)**

Conversions

Conversions Part 1

Format	Color
Hex	2C89A6
RGB	44, 137, 166
RGB Percent	17%, 54%, 65%
CMY	0.8275, 0.4627, 0.3490
CMYK	0.73, 0.17, 0.00, 0.35
HSL	194°, 58%, 41%
HSV	194°, 73%, 65%
XYZ	16.8673, 21.1800, 39.2755
YIQ	112.4990, -64.7370, -10.6970

Conversions

Conversions Part 2

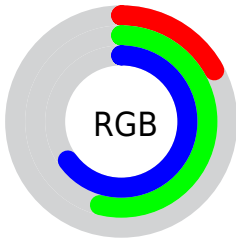
Format	Color
R_{YB}	44, 97, 166
Decimal	2918822
CIE _{Lab}	53.15, -17.06, -23.15
CIE _{LCh}	53, 28.762, 233.608
Yxy	21.1800, 0.2181, 0.2739
Android (android.graphics.Color)	4281108902 (0xFF2C89A6)
YUV	112.4990, 26.3760, -60.0736
Hunter-Lab	46.0217, -15.1164, -18.3837

Details

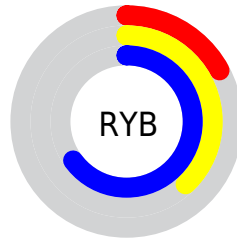
The YUV color **112.4990, 26.3760, -60.0736** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **97.5010, -26.3760, 60.0736**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7170, 25.7755, -54.1258**, and **64.0650, 24.6180, -56.1850** is the 20% darker color. If you saturate the color by 10%, you get **105.0680, 30.0395, -68.4656**, and if you desaturate by 10%, it is **119.9300, 22.7125, -51.6816**.

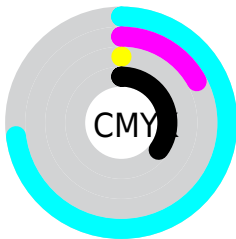
Distribution



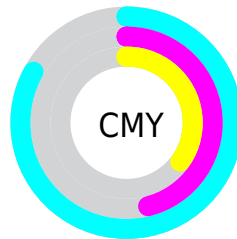
- Red (17%)
- Green (54%)
- Blue (65%)



- Red (17%)
- Yellow (38%)
- Blue (65%)



- Cyan (73%)
- Magenta (17%)
- Yellow (0%)
- Black (35%)



- Cyan (83%)
- Magenta (46%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.4990, 26.3760, -60.0736 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 112.4990, 26.3760, -60.0736 by changing the saturation by 10% instead.

■ 112.4990, 26.3760,
-60.0736

■ 112.4990, 26.3760,
-60.0736

■ 255.0000, 0.0000,
0.0000

■ 81.7040, 28.7399,
-71.6544

■ 168.7170, 25.7755,
-54.1258

■ 64.0650, 24.6180,
-56.1850

■ 197.1300, 26.0649,
-53.6110

■ 47.7140, 20.3540,
-41.8452

■ 223.3940, 15.5818,
-51.2115

■ 31.5910, 16.9636,
-27.7053

■ 236.7610, 8.9918,
-37.5014

■ 17.3430, 13.1419,
-15.2098

■ 245.7310, 4.5696,
-19.0581

■ 3.2090, 9.7570,
-2.8143

■ 254.7010, 0.1474,

■ 0.0000, 0.0000,

-0.6148

0.0000

■ 112.4990, 26.3760,
-60.0736

■ 112.4990, 26.3760,
-60.0736

■ 105.0680, 30.0395,
-68.4656

■ 119.9300, 22.7125,
-51.6816

■ 97.9360, 33.5556,
-76.2429

■ 127.0620, 19.1964,
-43.9044

■ 93.4730, 35.7558,
-81.9758

■ 134.4930, 15.5330,
-35.5124

■ 141.6250, 12.0169,
-27.7351

■ 149.0560, 8.3534,
-19.3431

■ 156.4870, 4.6899,
-10.9511

■ 163.6190, 1.1738,
-3.1739

■ 171.0500, -2.4896,
5.2182

■ 178.1820, -6.0057,
12.9954

Harmonies

Analogous

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



109.2890, 18.0985, -65.1515



112.4990, 26.3760, -60.0736



121.7780, 26.7314, -34.0083

Triad

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



112.4990, 26.3760, -60.0736



129.6870, 1.6333, 36.2315



122.9080, -20.6606, 0.0807

Complementary

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



112.4990, 26.3760, -60.0736



97.5010, -26.3760, 60.0736

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.



125.9320, -23.6305, 19.3536



112.4990, 26.3760, -60.0736



128.6200, -10.1657, 40.6753

Square

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



112.4990, 26.3760, -60.0736



130.5630, 13.0334, 19.6772



127.4700, -19.4587, 34.6678



119.8820, -11.2808, -21.8215

Rectangle

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



112.4990, 26.3760, -60.0736



126.2150, 24.0510, -14.2206



127.4700, -19.4587, 34.6678



124.0830, -22.7189, 6.9432

Sweetspot

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



112.4990, 26.3760, -60.0736



195.6040, 10.5482, -23.3317



118.8060, -23.0754, -65.6049



97.2200, 6.3005, -14.2249



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



112.4990, 26.3760, -60.0736



132.8890, 41.4667, -93.7417



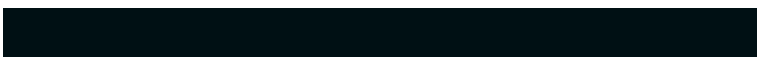
77.2790, 43.7395, -29.1857



80.4340, 1.7580, -3.8886



83.2030, 31.9449, -72.9690



11.6720, 4.1057, -10.2363

Inverse Universe

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



91.0800, 22.6386, 65.7048



99.6390, 35.1810, 102.9256



132.7210, -43.7395, 29.1857



79.0760, 1.4415, 4.3183



57.1340, 27.5419, 79.6895



7.8040, 4.0406, 10.6959

Previews

White Background



This preview shows how the YUV color 112.4990, 26.3760, -60.0736 looks on a white 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

Black Background



This preview shows how the YUV color 112.4990, 26.3760, -60.0736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

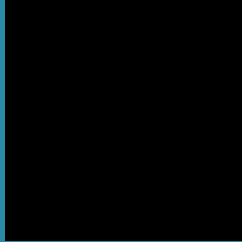
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.4990, 26.3760, -60.0736

Background



This preview shows how black text looks on a background with the YUV color 112.4990, 26.3760, -60.0736.

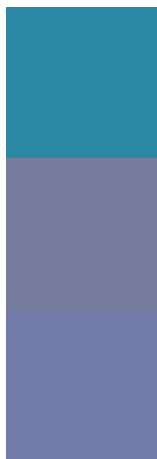


This preview shows how white text looks on a background with the YUV color 112.4990, 26.3760, -60.0736.

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

112.4990, 26.3760, -60.0736

Protanopia

126.5550, 15.0094, -7.5027

Deuteranopia

126.4390, 20.9826, -10.0320



Tritanopia

108.9620, 20.7247, -67.4957

Trichromacy



Original Color

112.4990, 26.3760, -60.0736

Protanomaly

121.1720, 19.1422, -26.4608

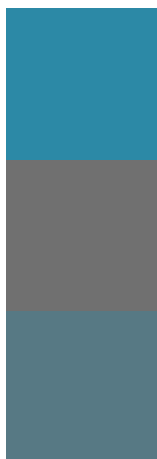
Deuteranomaly

121.4860, 22.9314, -28.4902

Tritanomaly

110.1410, 22.6085, -65.0217

Monochromacy



Original Color

112.4990, 26.3760, -60.0736

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.0880, 9.8166, -22.0022

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.4990, 26.3760, -60.0736 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(44, 137, 166)` looks like.

```
.text, #text, p{  
    color:rgb(44, 137, 166)  
}
```

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(44, 137, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 137, 166) }
```

Border

The CSS property to change the border of an element to YUV 112.4990, 26.3760, -60.0736 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(44, 137, 166) }
```


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

```
.border{ border-color:rgb(44, 137, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 137, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 137, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 137, 166);  
box-shadow:4px 4px 4px 4px rgb(44, 137,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 112.4990, 26.3760, -60.0736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 137, 166) }
```

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

```
.background{ background-color: rgb(44, 137,  
166) }
```

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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