

Converting Colors

YUV(101.8990, 26.6718,
-14.8204)

Have a look what the booklet for
YUV(101.8990, 26.6718, -14.8204)
contains.

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Color

**YUV(101.8990, 26.6718,
-14.8204)**

Conversions

Conversions Part 1

Format	Color
Hex	55649C
RGB	85, 100, 156
RGB Percent	33%, 39%, 61%
CMY	0.6667, 0.6078, 0.3882
CMYK	0.46, 0.36, 0.00, 0.39
HSL	227°, 29%, 47%
HSV	227°, 46%, 61%
XYZ	14.3042, 13.4459, 33.2939
YIQ	101.8990, -26.9160, 14.2360

Conversions

Conversions Part 2

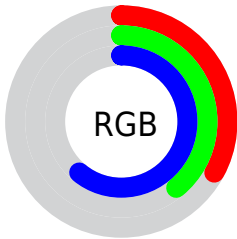
Format	Color
R_{YB}	85, 97, 156
Decimal	5596316
CIE Lab	43.43, 9.80, -32.28
CIE LCh	43, 33.735, 286.895
Yxy	13.4459, 0.2343, 0.2203
Android (android.graphics.Color)	4283786396 (0xFF55649C)
YUV	101.8990, 26.6718, -14.8204
Hunter-Lab	36.6687, 5.4615, -28.1652

Details

The YUV color **101.8990, 26.6718, -14.8204** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **139.1010, -26.6718, 14.8204**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.9530, 28.1242, -13.9908**, and **53.1220, 25.0829, -18.5240** is the 20% darker color. If you saturate the color by 10%, you get **90.0710, 32.5030, -18.4793**, and if you desaturate by 10%, it is **113.7270, 20.8406, -11.1616**.

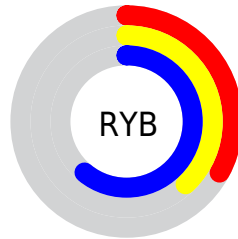
Distribution



Red (33%)

Green (39%)

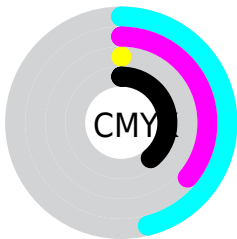
Blue (61%)



Red (33%)

Yellow (38%)

Blue (61%)

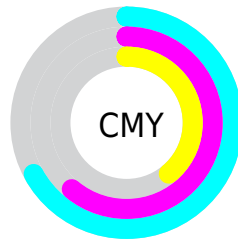


Cyan (46%)

Magenta (36%)

Yellow (0%)

Black (39%)



Cyan (67%)

Magenta (61%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.8990, 26.6718, -14.8204 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 101.8990, 26.6718, -14.8204 by changing the saturation by 10% instead.

■ 101.8990, 26.6718,
-14.8204

■ 101.8990, 26.6718,
-14.8204

■ 255.0000, 0.0000,
0.0000

■ 77.0730, 26.0930,
-15.8500

■ 153.9530, 28.1242,
-13.9908

■ 53.1220, 25.0829,
-18.5240

■ 180.4800, 28.8504,
-13.5760

■ 28.4910, 25.3939,
-24.9866

■ 207.1120, 23.6088,
-12.3762

■ 12.3680, 22.0036,
-10.8467

■ 232.2190, 11.2310,
-8.9621

■ 5.1640, 14.7091,
-4.5288

■ 253.8040, 0.5896,
-2.4591

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,

0.0000

■ 101.8990, 26.6718,
-14.8204

■ 101.8990, 26.6718,
-14.8204

■ 90.0710, 32.5030,
-18.4793

■ 113.7270, 20.8406,
-11.1616

■ 77.9550, 38.4762,
-21.0085

■ 125.8430, 14.8674,
-8.6323

■ 66.1270, 44.3074,
-24.6674

■ 137.6710, 9.0362,
-4.9735

■ 54.5980, 49.9912,
-27.7114

■ 149.2000, 3.3524,
-1.9294

■ 42.1830, 56.1118,
-30.8555

■ 161.6150, -2.7682,
1.2146

■ 37.1550, 58.5906,
-32.5849

■ 173.4430, -8.5994,
4.8735

■ 184.9720,
-14.2832, 7.9176

■ 196.8000,
-20.1144, 11.5764

■ 208.9160,
-26.0876, 14.1057

Harmonies

Analogous

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



85.1700, 35.4122, -65.0471



101.8990, 26.6718, -14.8204



105.6920, 17.4068, 16.9331

Triad

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



101.8990, 26.6718, -14.8204



102.5030, -19.4750, 39.9009



85.7130, 1.6205, -53.2453

Complementary

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



101.8990, 26.6718, -14.8204



139.1010, -26.6718, 14.8204

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.



95.0410, -15.7962, -20.2070



101.8990, 26.6718, -14.8204



101.1670, -26.7043, 25.2865

Square

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



101.8990, 26.6718, -14.8204



103.6360, -7.7085, 45.9232



98.6760, -25.4763, 4.6691



82.1310, 17.6834, -72.0289

Rectangle

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



101.8990, 26.6718, -14.8204



105.4290, 9.6485, 32.0728



98.6760, -25.4763, 4.6691



90.0800, -4.9694, -39.5352

Sweetspot

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



101.8990, 26.6718, -14.8204



181.8280, 10.9308, -5.9882



133.0610, 3.9139, -42.1495



88.6990, 6.5574, -3.2440



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



101.8990, 26.6718, -14.8204



118.8560, 41.9760, -23.5527



99.0740, 28.0645, 5.1971



73.0860, 2.9156, -1.8294



33.9120, 53.7804, -29.7408



3.4710, 5.6838, -3.0441

Inverse Universe

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



107.9390, -3.9139, 42.1495



128.2240, -6.0264, 66.4556



141.9260, -28.0645, -5.1971



73.6200, -0.3057, 4.7183



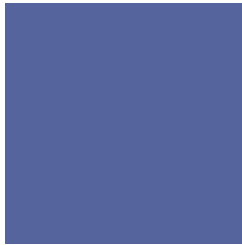
46.1770, -7.9753, 84.9138



4.8270, -0.9007, 8.9217

Previews

White Background



This preview shows how the YUV color 101.8990, 26.6718, -14.8204 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 101.8990, 26.6718, -14.8204 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

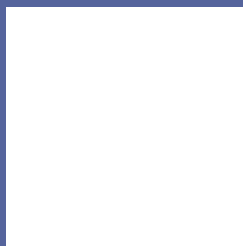
Any Text WCAG AAA × Fail

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

YUV 101.8990, 26.6718, -14.8204 Background



This preview shows how black text looks on a background with the YUV color 101.8990, 26.6718, -14.8204.



This preview shows how white text looks on a background with the YUV color 101.8990, 26.6718, -14.8204.

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

101.8990, 26.6718, -14.8204

Protanopia

101.8880, 26.6772, -16.5648

Deuteranopia

100.6810, 27.2723, -20.7682



Tritanopia

98.8600, 8.9430, -21.8022

Trichromacy



Original Color

101.8990, 26.6718, -14.8204

Protanomaly

102.1870, 26.5298, -15.9500

Deuteranomaly

100.9910, 27.1194, -18.4091

Tritanomaly

99.8910, 15.3367, -19.1984

Monochromacy



Original Color

101.8990, 26.6718, -14.8204

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.8990, 9.9098, -5.1734

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.8990, 26.6718, -14.8204 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(85, 100, 156)` looks like.

```
.text, #text, p{  
    color:rgb(85, 100, 156)  
}
```

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(85, 100, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 100, 156) }
```

Border

The CSS property to change the border of an element to YUV 101.8990, 26.6718, -14.8204 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(85, 100, 156) }
```


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

```
.border{ border-color:rgb(85, 100, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 100, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 100, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 100, 156);  
box-shadow:4px 4px 4px 4px rgb(85, 100,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 101.8990, 26.6718, -14.8204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 100, 156) }
```

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

```
.background{ background-color: rgb(85, 100,  
156) }
```

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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