

Converting Colors

YUV(105.9210, 26.6609,
-11.3317)

Have a look what the booklet for
YUV(105.9210, 26.6609, -11.3317)
contains.

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Color

**YUV(105.9210, 26.6609,
-11.3317)**

Conversions

Conversions Part 1

Format	Color
Hex	5D66A0
RGB	93, 102, 160
RGB Percent	36%, 40%, 63%
CMY	0.6353, 0.6000, 0.3725
CMYK	0.42, 0.36, 0.00, 0.37
HSL	232°, 26%, 50%
HSV	232°, 42%, 63%
XYZ	15.6107, 14.3680, 35.2082
YIQ	105.9210, -23.9820, 16.1300

Conversions

Conversions Part 2

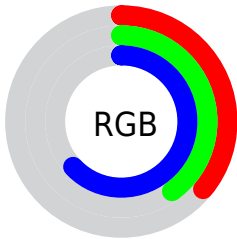
Format	Color
R_{YB}	93, 101, 160
Decimal	6121120
CIE _{Lab}	44.76, 11.94, -32.52
CIE _{LCh}	45, 34.646, 290.160
Yxy	14.3680, 0.2395, 0.2204
Android (android.graphics.Color)	4284311200 (0xFF5D66A0)
YUV	105.9210, 26.6609, -11.3317
Hunter-Lab	37.9051, 7.1791, -28.5381

Details

The YUV color **105.9210, 26.6609, -11.3317** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **147.0790, -26.6609, 11.3317**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.9750, 28.1133, -10.5021**, and **56.8560, 25.2140, -13.9057** is the 20% darker color. If you saturate the color by 10%, you get **92.9190, 33.0709, -13.9610**, and if you desaturate by 10%, it is **118.9230, 20.2510, -8.7025**.

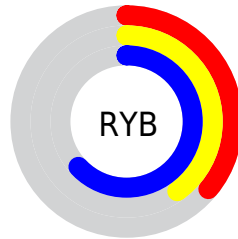
Distribution



Red (36%)

Green (40%)

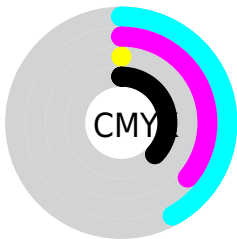
Blue (63%)



Red (36%)

Yellow (40%)

Blue (63%)

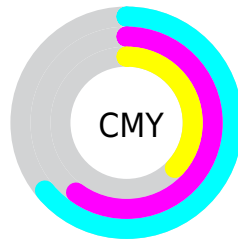


Cyan (42%)

Magenta (36%)

Yellow (0%)

Black (37%)



Cyan (64%)

Magenta (60%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.9210, 26.6609, -11.3317 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 105.9210, 26.6609, -11.3317 by changing the saturation by 10% instead.

■ 105.9210, 26.6609,
-11.3317

■ 105.9210, 26.6609,
-11.3317

■ 255.0000, 0.0000,
0.0000

■ 81.0950, 26.0822,
-12.3613

■ 157.9750, 28.1133,
-10.5021

■ 56.8560, 25.2140,
-13.9057

■ 185.2030, 28.9869,
-10.7020

■ 32.7090, 24.7935,
-19.0388

■ 210.6780, 21.8507,
-8.4876

■ 14.4710, 22.4458,
-12.6911

■ 235.7850, 9.4730,
-5.0734

■ 5.5060, 16.0195,
-4.8288

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,

0.0000

■ 105.9210, 26.6609,
-11.3317

■ 105.9210, 26.6609,
-11.3317

■ 92.9190, 33.0709,
-13.9610

■ 118.9230, 20.2510,
-8.7025

■ 79.9170, 39.4809,
-16.5902

■ 131.9250, 13.8410,
-6.0732

■ 66.9150, 45.8909,
-19.2195

■ 144.9270, 7.4310,
-3.4440

■ 54.5000, 52.0115,
-22.3635

■ 157.3420, 1.3104,
-0.2999

■ 41.4980, 58.4215,
-24.9927

■ 170.3440, -5.0996,
2.3293

■ 30.5670, 63.8105,
-26.8073

■ 183.3460,
-11.5096, 4.9586

■ 196.3480,
-17.9196, 7.5878

■ 209.3500,
-24.3295, 10.2171

■ 222.3520,
-30.7395, 12.8463

Harmonies

Analogous

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



91.9860, 34.5169, -57.8697



105.9210, 26.6609, -11.3317



109.1870, 16.6698, 20.0070

Triad

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



105.9210, 26.6609, -11.3317



105.1610, -20.7854, 40.2008



85.7550, 4.5578, -62.0521

Complementary

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



105.9210, 26.6609, -11.3317



147.0790, -26.6609, 11.3317

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.



97.3610, -14.4750, -23.9956



105.9210, 26.6609, -11.3317



103.9280, -27.5725, 23.7421

Square

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



105.9210, 26.6609, -11.3317



106.5930, -9.1663, 46.8379



101.3660, -25.3234, 2.3100



85.2770, 19.5834, -74.7879

Rectangle

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



105.9210, 26.6609, -11.3317



108.8100, 8.4747, 35.2466



101.3660, -25.3234, 2.3100



91.5030, -3.2060, -45.1681

Sweetspot

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



105.9210, 26.6609, -11.3317



187.4260, 10.6360, -4.7586



138.8270, 5.5083, -40.1903



91.1120, 6.8468, -2.7292



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.



105.9210, 26.6609, -11.3317



125.0740, 41.3755, -17.6049



107.5150, 25.8751, 7.4413



72.4990, 3.2050, -1.3146



27.4550, 56.9637, -24.0780



2.8840, 5.9732, -2.5293

Inverse Universe

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



114.0590, -5.9451, 40.2903



137.6920, -9.2152, 62.5371



145.4850, -25.8751, -7.4413



73.5060, -0.7425, 4.8182



44.9230, -12.7800, 86.0135



4.7130, -1.3375, 9.0217

Previews

White Background



This preview shows how the YUV color 105.9210, 26.6609, -11.3317 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 105.9210, 26.6609, -11.3317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

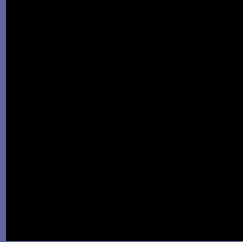
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 105.9210, 26.6609, -11.3317

Background



This preview shows how black text looks on a background with the YUV color 105.9210, 26.6609, -11.3317.

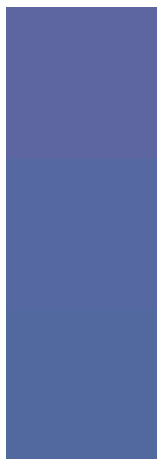


This preview shows how white text looks on a background with the YUV color 105.9210, 26.6609, -11.3317.

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

105.9210, 26.6609, -11.3317

Protanopia

104.9310, 28.1350, -17.4795

Deuteranopia

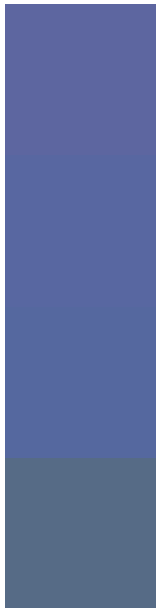
103.9800, 27.1249, -20.1535



Tritanopia

102.6540, 8.0586, -18.1136

Trichromacy



Original Color

105.9210, 26.6609, -11.3317

Protanomaly

105.1270, 27.5454, -15.0204

Deuteranomaly

104.5890, 26.8246, -17.1796

Tritanomaly

103.7990, 14.8891, -15.6097

Monochromacy



Original Color

105.9210, 26.6609, -11.3317

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.1980, 9.7624, -4.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.9210, 26.6609, -11.3317 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(93, 102, 160)` looks like.

```
.text, #text, p{  
    color:rgb(93, 102, 160)  
}
```

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(93, 102, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 102, 160) }
```

Border

The CSS property to change the border of an element to YUV 105.9210, 26.6609, -11.3317 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(93, 102, 160) }
```


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

```
.border{ border-color:rgb(93, 102, 160) }
```

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

Here you see how a box with a 4 pixel rgb(93, 102, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 102, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 102, 160);  
box-shadow:4px 4px 4px 4px rgb(93, 102,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 105.9210, 26.6609, -11.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 102, 160) }
```

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

```
.background{ background-color: rgb(93, 102,  
160) }
```

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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