

Converting Colors

YUV(105.4210, 24.9354,
-17.9092)

Have a look what the booklet for
YUV(105.4210, 24.9354, -17.9092)
contains.

YUV(105.4210, 24.9354, -17.9092)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(105.4210, 24.9354,
-17.9092)**

Conversions

Conversions Part 1

Format	Color
Hex	556A9C
RGB	85, 106, 156
RGB Percent	33%, 42%, 61%
CMY	0.6667, 0.5843, 0.3882
CMYK	0.46, 0.32, 0.00, 0.39
HSL	222°, 29%, 47%
HSV	222°, 46%, 61%
XYZ	14.9011, 14.6397, 33.4929
YIQ	105.4210, -28.5660, 11.0980

Conversions

Conversions Part 2

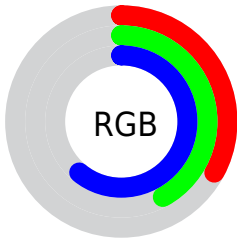
Format	Color
R_{YB}	85, 101, 156
Decimal	5597852
CIE Lab	45.14, 6.09, -29.60
CIE LCh	45, 30.220, 281.619
Yxy	14.6397, 0.2364, 0.2323
Android (android.graphics.Color)	4283787932 (0xFF556A9C)
YUV	105.4210, 24.9354, -17.9092
Hunter-Lab	38.2618, 2.5588, -25.1168

Details

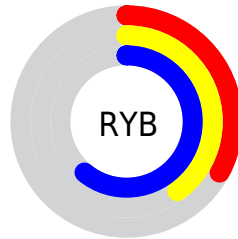
The YUV color **105.4210, 24.9354, -17.9092** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **135.5790, -24.9354, 17.9092**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.4750, 26.3878, -17.0796**, and **56.0570, 23.6359, -21.0980** is the 20% darker color. If you saturate the color by 10%, you get **94.1800, 30.4773, -22.0829**, and if you desaturate by 10%, it is **116.6620, 19.3936, -13.7356**.

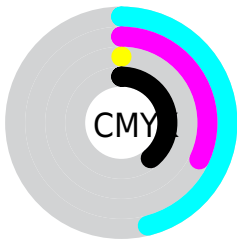
Distribution



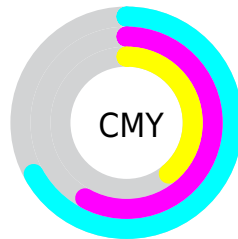
- Red (33%)
- Green (42%)
- Blue (61%)



- Red (33%)
- Yellow (40%)
- Blue (61%)



- Cyan (46%)
- Magenta (32%)
- Yellow (0%)
- Black (39%)



- Cyan (67%)
- Magenta (58%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.4210, 24.9354, -17.9092 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 105.4210, 24.9354, -17.9092 by changing the saturation by 10% instead.

■ 105.4210, 24.9354,
-17.9092

■ 105.4210, 24.9354,
-17.9092

■ 255.0000, 0.0000,
0.0000

■ 80.5950, 24.3567,
-18.9388

■ 157.4750, 26.3878,
-17.0796

■ 56.0570, 23.6359,
-21.0980

■ 184.5890, 26.8246,
-17.1796

■ 31.4260, 23.9470,
-27.5606

■ 210.6340, 21.8724,
-15.4650

■ 16.4770, 19.9778,
-14.4503

■ 236.3280, 9.2053,
-12.5657

■ 5.1640, 14.7091,
-4.5288

■ 253.8040, 0.5896,
-2.4591

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,

0.0000

■ 105.4210, 24.9354,
-17.9092

■ 105.4210, 24.9354,
-17.9092

■ 94.1800, 30.4773,
-22.0829

■ 116.6620, 19.3936,
-13.7356

■ 83.2380, 35.8717,
-25.6417

■ 127.6040, 13.9992,
-10.1767

■ 71.9970, 41.4135,
-29.8154

■ 138.8450, 8.4574,
-6.0031

■ 61.0550, 46.8079,
-33.3742

■ 149.7870, 3.0630,
-2.4442

■ 49.8140, 52.3497,
-37.5479

■ 161.0280, -2.4788,
1.7294

■ 44.7860, 54.8285,
-39.2773

■ 172.2690, -8.0206,
5.9031

■ 183.2110,
-13.4150, 9.4620

■ 194.4520,
-18.9568, 13.6356

■ 205.3940,
-24.3512, 17.1945

Harmonies

Analogous

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



94.3410, 29.4119, -53.7961



105.4210, 24.9354, -17.9092



109.9470, 17.2811, 10.5705

Triad

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



105.4210, 24.9354, -17.9092



107.1160, -15.8332, 38.4863



95.6610, -2.7909, -38.2907

Complementary

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



105.4210, 24.9354, -17.9092



135.5790, -24.9354, 17.9092

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.



100.6720, -16.1073, -13.7443



105.4210, 24.9354, -17.9092



106.0900, -23.2154, 26.2311

Square

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



105.4210, 24.9354, -17.9092



108.5860, -5.2189, 40.7051



103.5670, -23.4505, 8.2727



83.6640, 15.9416, -73.3733

Rectangle

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



105.4210, 24.9354, -17.9092



109.9120, 10.3964, 25.5102



103.5670, -23.4505, 8.2727



97.7500, -7.7647, -29.5987

Sweetspot

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



105.4210, 24.9354, -17.9092



183.5890, 10.0626, -7.5326



132.3770, 1.2931, -41.5496



89.8730, 5.9786, -4.2736



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.



105.4210, 24.9354, -17.9092



124.1390, 39.3715, -28.1859



97.2800, 28.9490, 1.5084



73.0860, 2.9156, -1.8294



40.9560, 50.3077, -35.9184



4.6450, 5.1050, -4.0737

Inverse Universe

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



108.6230, -1.2931, 41.5496



129.2500, -2.0953, 65.5558



143.7200, -28.9490, -1.5084



73.6200, -0.3057, 4.7183



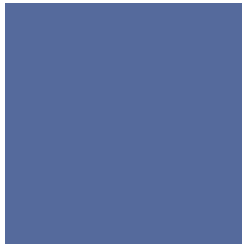
47.5450, -2.7337, 83.7140



5.0550, -0.0271, 8.7218

Previews

White Background



This preview shows how the YUV color 105.4210, 24.9354, -17.9092 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 105.4210, 24.9354, -17.9092 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

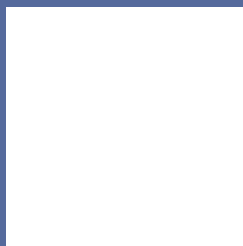
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 105.4210, 24.9354, -17.9092

Background



This preview shows how black text looks on a background with the YUV color 105.4210, 24.9354, -17.9092.

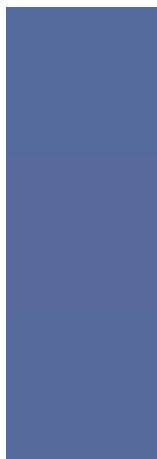


This preview shows how white text looks on a background with the YUV color 105.4210, 24.9354, -17.9092.

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

105.4210, 24.9354, -17.9092

Protanopia

106.2150, 24.0510, -14.2206

Deuteranopia

105.7200, 24.7880, -17.2944



Tritanopia

102.6640, 9.5326, -24.2613

Trichromacy



Original Color

105.4210, 24.9354, -17.9092

Protanomaly

105.6170, 24.3458, -15.4501

Deuteranomaly

105.7200, 24.7880, -17.2944

Tritanomaly

103.4670, 15.0528, -21.4576

Monochromacy



Original Color

105.4210, 24.9354, -17.9092

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.0730, 9.3310, -6.2030

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.4210, 24.9354, -17.9092 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, 106, 156)` looks like.

```
.text, #text, p{  
    color:rgb(85, 106, 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, 106, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 106, 156) }
```

Border

The CSS property to change the border of an element to YUV 105.4210, 24.9354, -17.9092 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, 106, 156) }
```


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

```
.border{ border-color:rgb(85, 106, 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, 106, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 106, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 106, 156);  
box-shadow:4px 4px 4px 4px rgb(85, 106,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 105.4210, 24.9354, -17.9092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 106, 156) }
```

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

```
.background{ background-color: rgb(85, 106,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor