

Converting Colors

YUV(105.1630, 16.1886,
-12.4210)

Have a look what the booklet for
YUV(105.1630, 16.1886, -12.4210)
contains.

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Color

**YUV(105.1630, 16.1886,
-12.4210)**

Conversions

Conversions Part 1

Format	Color
Hex	5B6A8A
RGB	91, 106, 138
RGB Percent	36%, 42%, 54%
CMY	0.6431, 0.5843, 0.4588
CMYK	0.34, 0.23, 0.00, 0.46
HSL	221°, 21%, 45%
HSV	221°, 34%, 54%
XYZ	14.0559, 14.3672, 26.0771
YIQ	105.1630, -19.2120, 6.7720

Conversions

Conversions Part 2

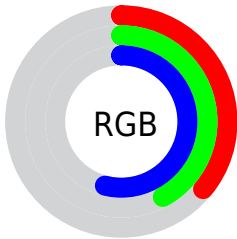
Format	Color
R_{YB}	91, 102, 138
Decimal	5991050
CIE _{Lab}	44.75, 2.53, -19.45
CIE _{LCh}	45, 19.617, 277.422
Yxy	14.3672, 0.2579, 0.2636
Android (android.graphics.Color)	4284181130 (0xFF5B6A8A)
YUV	105.1630, 16.1886, -12.4210
Hunter-Lab	37.9041, -0.1395, -14.2572

Details

The YUV color **105.1630, 16.1886, -12.4210** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **123.8370, -16.1886, 12.4210**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.5050, 17.4990, -12.7209**, and **57.5220, 15.0257, -12.7358** is the 20% darker color. If you saturate the color by 10%, you get **95.6940, 20.8569, -16.3946**, and if you desaturate by 10%, it is **114.6320, 11.5204, -8.4473**.

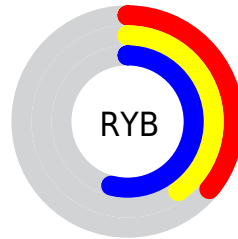
Distribution



Red (36%)

Green (42%)

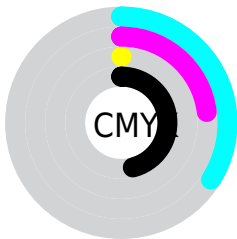
Blue (54%)



Red (36%)

Yellow (40%)

Blue (54%)

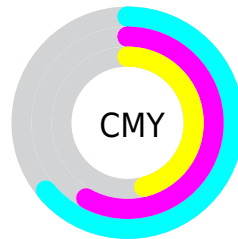


Cyan (34%)

Magenta (23%)

Yellow (0%)

Black (46%)



Cyan (64%)

Magenta (58%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.1630, 16.1886, -12.4210 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 105.1630, 16.1886, -12.4210 by changing the saturation by 10% instead.

■ 105.1630, 16.1886,
-12.4210

■ 105.1630, 16.1886,
-12.4210

■ 255.0000, 0.0000,
0.0000

■ 80.6360, 15.4625,
-12.8358

■ 156.5050, 17.4990,
-12.7209

■ 57.5220, 15.0257,
-12.7358

■ 183.5050, 17.4990,
-12.7209

■ 34.9840, 14.3049,
-14.8950

■ 211.6190, 17.9358,
-12.8209

■ 14.1800, 13.7153,
-12.4359

■ 237.2250, 8.7631,
-10.7213

■ 2.9810, 8.8834,
-2.6143

■ 254.7010, 0.1474,
-0.6148

■ 0.0000, 0.0000,
0.0000

■ 105.1630, 16.1886,
-12.4210

■ 105.1630, 16.1886,
-12.4210

■ 95.6940, 20.8569,
-16.3946

■ 114.6320, 11.5204,
-8.4473

■ 85.6380, 25.8145,
-19.8535

■ 124.6880, 6.5628,
-4.9884

■ 76.4680, 30.3353,
-23.2124

■ 133.8580, 2.0420,
-1.6295

■ 66.4120, 35.2929,
-26.6713

■ 143.9140, -2.9156,
1.8294

■ 56.9430, 39.9611,
-30.6450

■ 153.3830, -7.5838,
5.8031

■ 47.4740, 44.6293,
-34.6187


■ 162.8520,
-12.2520, 9.7768

■ 41.5600, 47.5449,
-36.4481

■ 172.9080,
-17.2096, 13.2357

■ 182.0780,

-21.7305, 16.5946

 192.1340,
-26.6881, 20.0535

Harmonies

Analogous

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



101.2920, 17.1110, -28.3201



105.1630, 16.1886, -12.4210



107.5350, 12.0612, 4.7928

Triad

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



105.1630, 16.1886, -12.4210



107.2330, -9.9749, 26.1057



100.5430, -3.7187, -20.6472

Complementary

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



105.1630, 16.1886, -12.4210



123.8370, -16.1886, 12.4210

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.



102.9810, -11.3296, -6.1223



105.1630, 16.1886, -12.4210



106.2230, -14.8999, 19.0984

Square

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



105.1630, 16.1886, -12.4210



108.0680, -2.9915, 26.2504



104.6300, -15.5936, 8.2175



98.1700, 5.3392, -32.5981

Rectangle

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



105.1630, 16.1886, -12.4210



108.4500, 7.6662, 14.5144



104.6300, -15.5936, 8.2175



101.1800, -6.4977, -15.9439

Sweetspot

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



105.1630, 16.1886, -12.4210



165.9870, 6.4154, -4.3736



122.1230, -0.0606, -27.2949



81.9010, 3.4998, -2.5442



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



105.1630, 16.1886, -12.4210



127.5240, 25.3777, -19.7535



98.7500, 19.3502, 0.2193



63.9720, 2.4788, -1.7294



39.8160, 45.9397, -34.9186



1.7440, 1.6052, -1.5295

Inverse Universe

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



106.7630, -0.3762, 27.3948



129.8620, -0.4250, 43.0940



130.2500, -19.3502, -0.2193



64.3210, -0.1583, 4.1035



44.5550, -1.2596, 77.5663



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 105.1630, 16.1886, -12.4210 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 105.1630, 16.1886, -12.4210 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

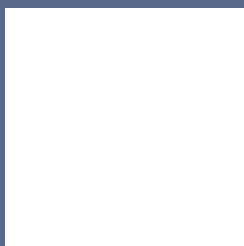
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 105.1630, 16.1886, -12.4210

Background



This preview shows how black text looks on a background with the YUV color 105.1630, 16.1886, -12.4210.



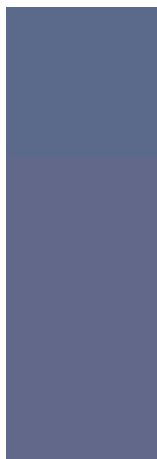
This preview shows how white text looks on a background with the YUV color 105.1630, 16.1886, -12.4210.

-12.4210.

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

105.1630, 16.1886, -12.4210

Protanopia

105.6690, 15.4462, -7.6027

Deuteranopia

106.0820, 15.7356, -7.0879



Tritanopia

103.7360, 7.0322, -15.5545

Trichromacy



Original Color

105.1630, 16.1886, -12.4210

Protanomaly

105.6580, 15.4516, -9.3471

Deuteranomaly

105.7720, 15.8884, -9.4470

Tritanomaly

104.5450, 10.0843, -14.5100

Monochromacy



Original Color

105.1630, 16.1886, -12.4210

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.8730, 5.9786, -4.2736

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.1630, 16.1886, -12.4210 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(91, 106, 138)` looks like.

```
.text, #text, p{  
    color:rgb(91, 106, 138)  
}
```

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(91, 106, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 106, 138) }
```

Border

The CSS property to change the border of an element to YUV 105.1630, 16.1886, -12.4210 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(91, 106, 138) }
```


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

```
.border{ border-color:rgb(91, 106, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 106, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 106, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 106, 138);  
box-shadow:4px 4px 4px 4px rgb(91, 106,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 105.1630, 16.1886, -12.4210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 106, 138) }
```

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

```
.background{ background-color: rgb(91, 106,  
138) }
```

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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