

Converting Colors

YUV(112.9620, 17.7667,
-5.2287)

Have a look what the booklet for
YUV(112.9620, 17.7667, -5.2287)
contains.

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Color

**YUV(112.9620, 17.7667,
-5.2287)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6D95
RGB	107, 109, 149
RGB Percent	42%, 43%, 58%
CMY	0.5804, 0.5725, 0.4157
CMYK	0.28, 0.27, 0.00, 0.42
HSL	237°, 17%, 50%
HSV	237°, 28%, 58%
XYZ	16.9569, 16.2330, 30.6733
YIQ	112.9620, -14.0320, 12.0160

Conversions

Conversions Part 2

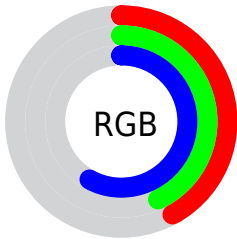
Format	Color
R _Y B	107, 109, 149
Decimal	7040405
CIE Lab	47.28, 8.72, -22.01
CIE LCh	47, 23.672, 291.618
Yxy	16.2330, 0.2655, 0.2542
Android (android.graphics.Color)	4285230485 (0xFF6B6D95)
YUV	112.9620, 17.7667, -5.2287
Hunter-Lab	40.2902, 4.6171, -16.9349

Details

The YUV color **112.9620, 17.7667, -5.2287** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **143.0380, -17.7667, 5.2287**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6030, 18.9297, -4.9138**, and **64.9080, 16.3144, -6.0583** is the 20% darker color. If you saturate the color by 10%, you get **100.2590, 24.0293, -7.2431**, and if you desaturate by 10%, it is **125.6650, 11.5042, -3.2142**.

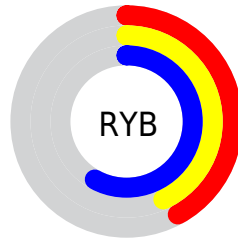
Distribution



Red (42%)

Green (43%)

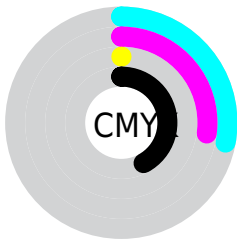
Blue (58%)



Red (42%)

Yellow (43%)

Blue (58%)

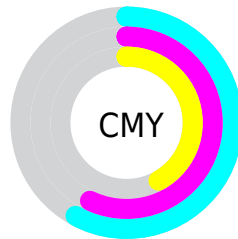


Cyan (28%)

Magenta (27%)

Yellow (0%)

Black (42%)



Cyan (58%)

Magenta (57%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.9620, 17.7667, -5.2287 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 112.9620, 17.7667, -5.2287 by changing the saturation by 10% instead.

■ 112.9620, 17.7667,
-5.2287

■ 112.9620, 17.7667,
-5.2287

■ 255.0000, 0.0000,
0.0000

■ 88.4350, 17.0405,
-5.6435

■ 164.6030, 18.9297,
-4.9138

■ 64.9080, 16.3144,
-6.0583

■ 192.0160, 19.2191,
-4.3990

■ 42.3810, 15.5882,
-6.4731

■ 219.2610, 17.6193,
-4.6139

■ 20.8430, 14.8674,
-8.6323

■ 244.3680, 5.2416,
-1.1997

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 112.9620, 17.7667,
-5.2287

■ 112.9620, 17.7667,
-5.2287

■ 100.2590, 24.0293,
-7.2431

■ 125.6650, 11.5042,
-3.2142

■ 87.5560, 30.2919,
-9.2576

■ 138.3680, 5.2416,
-1.1997

■ 74.2660, 36.8439,
-10.7573

■ 151.6580, -1.3104,
0.2999

■ 61.5630, 43.1064,
-12.7718

■ 164.3610, -7.5730,
2.3144

■ 49.1590, 49.2216,
-14.1714

■ 177.0640,
-13.8356, 4.3289

■ 36.4560, 55.4842,
-16.1859

■ 189.4680,
-19.9507, 5.7286

■ 23.7530, 61.7468,
-18.2004


■ 202.1710,
-26.2133, 7.7430

■ 21.0950, 63.0572,

■ 215.4610,

-18.5003

-32.7653, 9.2427

 228.1640,
-39.0279, 11.2572

Harmonies

Analogous

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



108.3290, 21.0368, -27.4755



112.9620, 17.7667, -5.2287



114.9600, 10.8657, 14.9441

Triad

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



112.9620, 17.7667, -5.2287



112.8760, -15.2219, 29.0497



103.7200, 1.1240, -33.9574

Complementary

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



112.9620, 17.7667, -5.2287



143.0380, -17.7667, 5.2287

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.



106.6700, -9.6973, -16.3736



112.9620, 17.7667, -5.2287



111.4740, -18.9677, 17.1243

Square

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



112.9620, 17.7667, -5.2287



114.1460, -7.9600, 33.1980



109.2440, -16.8823, 1.5400



100.6180, 12.5133, -47.0230

Rectangle

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



112.9620, 17.7667, -5.2287



115.4190, 4.7234, 25.0655



109.2440, -16.8823, 1.5400



104.4280, -2.6760, -28.4394

Sweetspot

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



112.9620, 17.7667, -5.2287



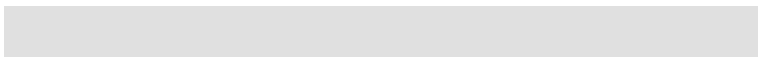
180.4110, 6.6994, -2.1144



136.2140, 5.3175, -25.6207



88.7270, 4.0786, -1.5146



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



112.9620, 17.7667, -5.2287



137.2850, 27.9605, -8.1429



117.4690, 15.5448, 7.4817



67.7980, 3.0576, -0.6998



19.8410, 58.2524, -17.4006



1.1400, 4.3680, -0.9998

Inverse Universe

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



119.7860, -5.3175, 25.6207



148.0760, -8.4185, 40.2753



138.5310, -15.5448, -7.4817



69.0930, -1.0318, 4.3034



42.0600, -17.2846, 84.1394



2.9900, -1.4741, 6.1478

Previews

White Background



This preview shows how the YUV color 112.9620, 17.7667, -5.2287 looks on a white background.

Color Contrast Check

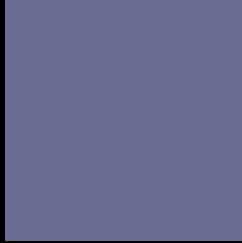
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.9620, 17.7667, -5.2287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

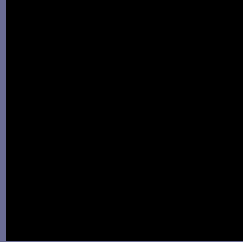
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.9620, 17.7667, -5.2287

Background



This preview shows how black text looks on a background with the YUV color 112.9620, 17.7667, -5.2287.



This preview shows how white text looks on a background with the YUV color 112.9620, 17.7667, -5.2287.

-5.2287.

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

112.9620, 17.7667, -5.2287

Protanopia

112.4560, 18.5092, -10.0469

Deuteranopia

112.3530, 18.0670, -8.2026



Tritanopia

111.4380, 5.7001, -8.2771

Trichromacy



Original Color

112.9620, 17.7667, -5.2287

Protanomaly

112.4670, 18.5038, -8.3026

Deuteranomaly

112.6520, 17.9196, -7.5878

Tritanomaly

111.8880, 9.9152, -6.9178

Monochromacy



Original Color

112.9620, 17.7667, -5.2287

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.2970, 6.2626, -2.0145

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.9620, 17.7667, -5.2287 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(107, 109, 149)` looks like.

```
.text, #text, p{  
    color:rgb(107, 109, 149)  
}
```

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(107, 109, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 109, 149) }
```

Border

The CSS property to change the border of an element to YUV 112.9620, 17.7667, -5.2287 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(107, 109, 149) }
```


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

```
.border{ border-color:rgb(107, 109, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 109, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 109, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 109, 149);  
box-shadow:4px 4px 4px 4px rgb(107, 109,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 112.9620, 17.7667, -5.2287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 109, 149) }
```

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

```
.background{ background-color: rgb(107,  
109, 149) }
```

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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