

Converting Colors

YUV(112.9220, 4.9685, -6.9476)

Have a look what the booklet for
YUV(112.9220, 4.9685, -6.9476)
contains.

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Color

**YUV(112.9220, 4.9685,
-6.9476)**

Conversions

Conversions Part 1

Format	Color
Hex	69737B
RGB	105, 115, 123
RGB Percent	41%, 45%, 48%
CMY	0.5882, 0.5490, 0.5176
CMYK	0.15, 0.07, 0.00, 0.52
HSL	207°, 8%, 45%
HSV	207°, 15%, 48%
XYZ	15.5316, 16.6948, 21.1427
YIQ	112.9220, -8.5280, 0.3680

Conversions

Conversions Part 2

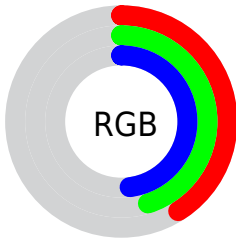
Format	Color
R_{YB}	105, 111, 123
Decimal	6910843
CIE Lab	47.87, -1.96, -5.69
CIE LCh	48, 6.016, 250.998
Yxy	16.6948, 0.2910, 0.3128
Android (android.graphics.Color)	4285100923 (0xFF69737B)
YUV	112.9220, 4.9685, -6.9476
Hunter-Lab	40.8593, -3.6516, -2.0783

Details

The YUV color **112.9220, 4.9685, -6.9476** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **115.0780, -4.9685, 6.9476**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6230, 5.1159, -7.5624**, and **65.1070, 4.3842, -6.2328** is the 20% darker color. If you saturate the color by 10%, you get **106.3990, 8.1843, -11.7509**, and if you desaturate by 10%, it is **119.4450, 1.7526, -2.1443**.

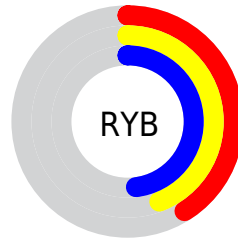
Distribution



Red (41%)

Green (45%)

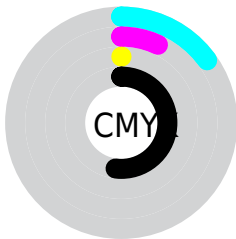
Blue (48%)



Red (41%)

Yellow (44%)

Blue (48%)

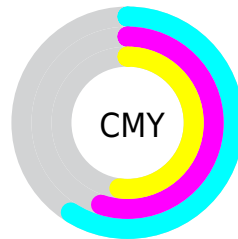


Cyan (15%)

Magenta (7%)

Yellow (0%)

Black (52%)



Cyan (59%)

Magenta (55%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.9220, 4.9685, -6.9476 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 112.9220, 4.9685, -6.9476 by changing the saturation by 10% instead.

■ 112.9220, 4.9685,
-6.9476

■ 112.9220, 4.9685,
-6.9476

■ 255.0000, 0.0000,
0.0000

■ 88.2210, 4.8210,
-6.3328

■ 164.6230, 5.1159,
-7.5624

■ 65.1070, 4.3842,
-6.2328

■ 191.7370, 5.5527,
-7.6623

■ 43.1070, 4.3842,
-6.2328

■ 219.7370, 5.5527,
-7.6623

■ 22.1070, 4.3842,
-6.2328

■ 247.2810, 3.8055,
-7.2624

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 112.9220, 4.9685,
-6.9476

■ 112.9220, 4.9685,
-6.9476

■ 106.3990, 8.1843,
-11.7509

■ 119.4450, 1.7526,
-2.1443

■ 98.9900, 11.8369,
-16.6542

■ 126.8540, -1.9000,
2.7590

■ 92.4670, 15.0528,
-21.4576

■ 133.3770, -5.1159,
7.5624

■ 85.3570, 18.5580,
-25.7461

■ 140.4870, -8.6211,
11.8509

■ 78.8340, 21.7738,
-30.5494

■ 147.0100,
-11.8369, 16.6542

■ 71.4250, 25.4265,
-35.4527

■ 154.4190,
-15.4896, 21.5575

■ 64.9020, 28.6423,
-40.2561

■ 160.9420,
-18.7054, 26.3609

■ 57.7920, 32.1475,

■ 168.0520,

-44.5446

-22.2106, 30.6494

■ 53.9380, 34.0476,
-47.3036

■ 174.8740,
-25.5739, 36.0675

Harmonies

Analogous

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



112.2700, 3.8109, -9.0068



112.9220, 4.9685, -6.9476



113.5420, 4.6628, -2.2293

Triad

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



112.9220, 4.9685, -6.9476



114.7130, -1.3375, 9.0217



112.4790, -3.1941, -2.1741

Complementary

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



112.9220, 4.9685, -6.9476



115.0780, -4.9685, 6.9476

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.



113.4580, -4.6628, 2.2293



112.9220, 4.9685, -6.9476



114.4310, -3.6635, 8.3920

Square

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



112.9220, 4.9685, -6.9476



114.9730, 0.9993, 6.1627



113.7790, -4.8210, 6.3328



112.0270, -0.9993, -6.1627

Rectangle

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



112.9220, 4.9685, -6.9476



114.0370, 3.9258, 0.8446



113.7790, -4.8210, 6.3328



112.9630, -3.9258, -0.8446

Sweetspot

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



112.9220, 4.9685, -6.9476



157.1460, 1.9000, -2.7590



116.4780, -1.7147, -10.0662



79.6300, 1.1684, -1.4295



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



112.9220, 4.9685, -6.9476



144.6980, 8.0369, -11.1361



107.6390, 7.5730, -2.3144



57.4450, 1.7526, -2.1443



54.7530, 34.6318, -48.0184



110.9080, 69.5584, -97.2663

Inverse Universe

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



111.5220, 1.7147, 10.0662



142.4950, 2.7140, 16.2289



120.3610, -7.5730, 2.3144



57.1360, 0.4260, 3.3887



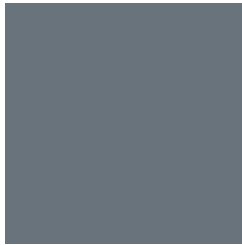
45.2410, 11.7132, 69.9486



91.3080, 24.0052, 140.9269

Previews

White Background



This preview shows how the YUV color 112.9220, 4.9685, -6.9476 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 112.9220, 4.9685, -6.9476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

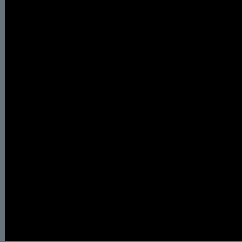
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

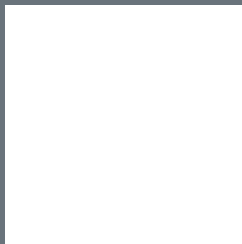
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 112.9220, 4.9685, -6.9476

Background



This preview shows how black text looks on a background with the YUV color 112.9220, 4.9685, -6.9476.



This preview shows how white text looks on a background with the YUV color 112.9220, 4.9685, -6.9476.

-6.9476.

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

112.9220, 4.9685, -6.9476

Protanopia

114.0260, 3.9312, -0.8998

Deuteranopia

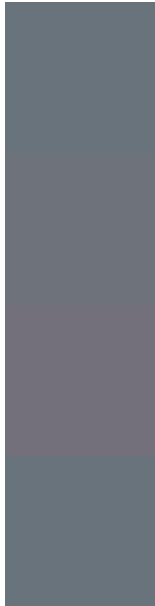
114.5860, 4.6411, 4.7481



Tritanopia

113.0360, 5.4053, -7.0476

Trichromacy



Original Color

112.9220, 4.9685, -6.9476

Protanomaly

113.7160, 4.0840, -3.2589

Deuteranomaly

114.2650, 4.7994, 0.6446

Tritanomaly

113.0360, 5.4053, -7.0476

Monochromacy



Original Color

112.9220, 4.9685, -6.9476

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.1460, 1.9000, -2.7590

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.9220, 4.9685, -6.9476 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(105, 115, 123)` looks like.

```
.text, #text, p{  
    color:rgb(105, 115, 123)  
}
```

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(105, 115, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 115, 123) }
```

Border

The CSS property to change the border of an element to YUV 112.9220, 4.9685, -6.9476 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(105, 115, 123) }
```


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

```
.border{ border-color:rgb(105, 115, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 115, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 115, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 115, 123); box-shadow:4px 4px 4px 4px rgb(105, 115, 123) }
```

Background

The CSS property to change the background color of an element to YUV 112.9220, 4.9685, -6.9476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 115, 123) }
```

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

```
.background{ background-color: rgb(105,  
115, 123) }
```

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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