

Converting Colors

YUV(118.5280, 12.5577,
-14.4951)

Have a look what the booklet for
YUV(118.5280, 12.5577, -14.4951)
contains.

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Color

**YUV(118.5280, 12.5577,
-14.4951)**

Conversions

Conversions Part 1

Format	Color
Hex	667A90
RGB	102, 122, 144
RGB Percent	40%, 48%, 56%
CMY	0.6000, 0.5216, 0.4353
CMYK	0.29, 0.15, 0.00, 0.44
HSL	211°, 17%, 48%
HSV	211°, 29%, 56%
XYZ	17.4731, 18.7575, 29.0852
YIQ	118.5280, -18.9820, 2.6020

Conversions

Conversions Part 2

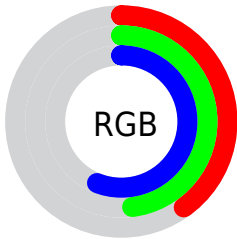
Format	Color
R_{YB}	102, 116, 144
Decimal	6716048
CIE _{Lab}	50.40, -1.91, -14.32
CIE _{LCh}	50, 14.446, 262.385
Yxy	18.7575, 0.2675, 0.2872
Android (android.graphics.Color)	4284906128 (0xFF667A90)
YUV	118.5280, 12.5577, -14.4951
Hunter-Lab	43.3099, -3.7778, -9.4999

Details

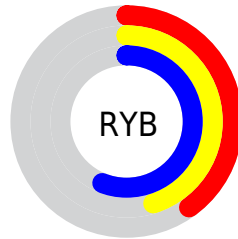
The YUV color **118.5280, 12.5577, -14.4951** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **127.4720, -12.5577, 14.4951**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.7560, 13.4313, -14.6950**, and **69.4140, 12.1209, -14.3951** is the 20% darker color. If you saturate the color by 10%, you get **109.6460, 16.9365, -18.9835**, and if you desaturate by 10%, it is **127.4100, 8.1789, -10.0066**.

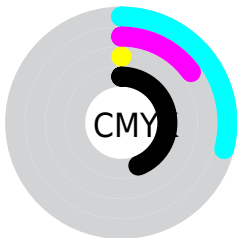
Distribution



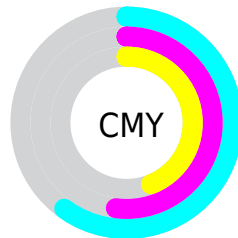
- Red (40%)
- Green (48%)
- Blue (56%)



- Red (40%)
- Yellow (45%)
- Blue (56%)



- Cyan (29%)
- Magenta (15%)
- Yellow (0%)
- Black (44%)



- Cyan (60%)
- Magenta (52%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.5280, 12.5577, -14.4951 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 118.5280, 12.5577, -14.4951 by changing the saturation by 10% instead.

■ 118.5280, 12.5577,
-14.4951

■ 118.5280, 12.5577,
-14.4951

■ 255.0000, 0.0000,
0.0000

■ 93.4140, 12.1209,
-14.3951

■ 170.7560, 13.4313,
-14.6950

■ 69.4140, 12.1209,
-14.3951

■ 198.4570, 13.5787,
-15.3098

■ 46.8870, 11.3947,
-14.8099

■ 226.5710, 14.0155,
-15.4098

■ 24.8760, 11.4001,
-16.5543

■ 249.6180, 2.6533,
-11.0660

■ 5.4260, 10.6360,
-4.7586

■ 0.0000, 0.0000,
0.0000

■ 118.5280, 12.5577,
-14.4951

■ 118.5280, 12.5577,
-14.4951

■ 109.6460, 16.9365,
-18.9835

■ 127.4100, 8.1789,
-10.0066

■ 101.0520, 21.1734,
-24.6016

■ 136.0040, 3.9420,
-4.3885

■ 92.1700, 25.5522,
-29.0901

■ 144.8860, -0.4368,
0.1000

■ 83.5760, 29.7890,
-34.7082

■ 153.4800, -4.6736,
5.7180

■ 74.6940, 34.1679,
-39.1966

■ 162.3620, -9.0525,
10.2065

■ 66.3990, 38.2573,
-44.1999

■ 170.6570,
-13.1419, 15.2098

■ 57.2180, 42.7835,
-49.3032


■ 179.8380,
-17.6681, 20.3131

■ 56.9190, 42.9309,

■ 188.1330,

-49.9180

-21.7576, 25.3164

 197.3140,
-26.2838, 30.4196

Harmonies

Analogous

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



116.1310, 11.2744, -22.9169



118.5280, 12.5577, -14.4951



120.8500, 10.9200, -2.4994

Triad

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



118.5280, 12.5577, -14.4951



122.0520, -5.4486, 21.0024



117.0390, -5.9352, -9.6812

Complementary

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



118.5280, 12.5577, -14.4951



127.4720, -12.5577, 14.4951

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.



118.5520, -10.6251, 1.2699



118.5280, 12.5577, -14.4951



120.8900, -9.8058, 18.5135

Square

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



118.5280, 12.5577, -14.4951



122.6370, 0.6720, 17.8584



119.9770, -11.8207, 11.4212



115.5800, 0.2071, -19.8027

Rectangle

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



118.5280, 12.5577, -14.4951



121.5090, 8.1301, 5.6926



119.9770, -11.8207, 11.4212



117.3060, -7.5459, -6.4074

Sweetspot

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



118.5280, 12.5577, -14.4951



175.6340, 5.1104, -5.8180



129.1620, -2.5449, -23.8211



88.0750, 2.9210, -3.5738



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



118.5280, 12.5577, -14.4951



146.6070, 19.4207, -22.4573



107.0870, 18.1981, -3.5843



67.1460, 1.9000, -2.7590



52.9580, 40.4467, -46.4442



3.2600, 2.3368, -2.8590

Inverse Universe

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



116.8380, 2.5449, 23.8211



143.9690, 3.9593, 36.8612



138.9130, -18.1981, 3.5843



66.5490, 0.7153, 3.9035



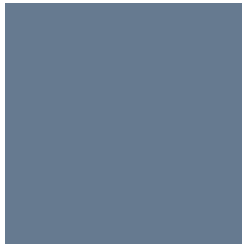
47.6610, 8.0551, 76.5963



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 118.5280, 12.5577, -14.4951 looks on a white background.

Color Contrast Check

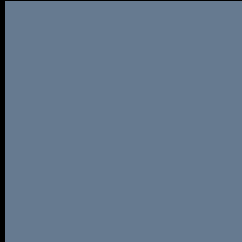
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 118.5280, 12.5577, -14.4951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

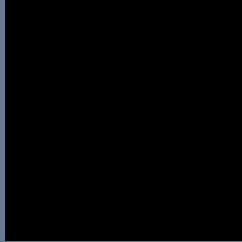
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

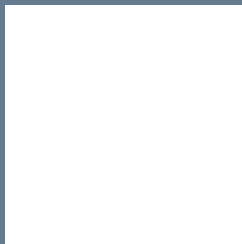
Any Text WCAG AAA × Fail

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

YUV 118.5280, 12.5577, -14.4951 Background



This preview shows how black text looks on a background with the YUV color 118.5280, 12.5577, -14.4951.



This preview shows how white text looks on a background with the YUV color 118.5280, 12.5577, -14.4951.

-14.4951.

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

118.5280, 12.5577, -14.4951

Protanopia

120.4260, 10.6360, -4.7586

Deuteranopia

120.7900, 11.9355, -1.5698



Tritanopia

117.9640, 7.9057, -15.7544

Trichromacy



Original Color

118.5280, 12.5577, -14.4951

Protanomaly

119.6320, 11.5204, -8.4473

Deuteranomaly

120.1700, 12.2412, -6.2881

Tritanomaly

118.1320, 9.7949, -15.0248

Monochromacy



Original Color

118.5280, 12.5577, -14.4951

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.8190, 4.5262, -5.1033

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.5280, 12.5577, -14.4951 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(102, 122, 144)` looks like.

```
.text, #text, p{  
    color:rgb(102, 122, 144)  
}
```

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(102, 122, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 122, 144) }
```

Border

The CSS property to change the border of an element to YUV 118.5280, 12.5577, -14.4951 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(102, 122, 144) }
```


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

```
.border{ border-color:rgb(102, 122, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 122, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 122, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 122, 144);  
box-shadow:4px 4px 4px 4px rgb(102, 122,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 118.5280, 12.5577, -14.4951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 122, 144) }
```

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

```
.background{ background-color: rgb(102,  
122, 144) }
```

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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