

Converting Colors

YUV(120.4720, -6.1487,
-34.6169)

Have a look what the booklet for
YUV(120.4720, -6.1487, -34.6169)
contains.

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Color

**YUV(120.4720, -6.1487,
-34.6169)**

Conversions

Conversions Part 1

Format	Color
Hex	518F6C
RGB	81, 143, 108
RGB Percent	32%, 56%, 42%
CMY	0.6824, 0.4392, 0.5765
CMYK	0.43, 0.00, 0.24, 0.44
HSL	146°, 28%, 44%
HSV	146°, 43%, 56%
XYZ	15.9226, 22.4770, 17.6866
YIQ	120.4720, -25.7170, -24.0290

Conversions

Conversions Part 2

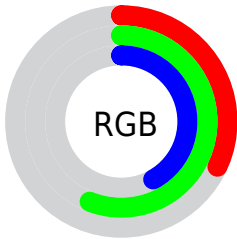
Format	Color
RYB	81, 124, 143
Decimal	5345132
CIELab	54.53, -28.38, 12.48
CIELCh	55, 30.997, 156.264
Yxy	22.4770, 0.2839, 0.4008
Android (android.graphics.Color)	4283535212 (0xFF518F6C)
YUV	120.4720, -6.1487, -34.6169
Hunter-Lab	47.4099, -23.0182, 11.0683

Details

The YUV color **120.4720, -6.1487, -34.6169** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **103.5280, 6.1487, 34.6169**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.6460, -6.7275, -35.6465**, and **69.5150, -4.6909, -35.5317** is the 20% darker color. If you saturate the color by 10%, you get **115.3740, -7.5794, -42.4240**, and if you desaturate by 10%, it is **125.5700, -4.7180, -26.8099**.

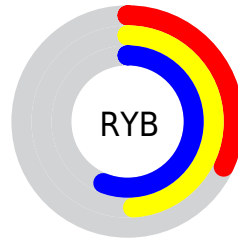
Distribution



Red (32%)

Green (56%)

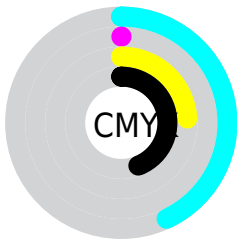
Blue (42%)



Red (32%)

Yellow (49%)

Blue (56%)

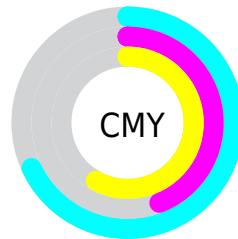


Cyan (43%)

Magenta (0%)

Yellow (24%)

Black (44%)



Cyan (68%)

Magenta (44%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.4720, -6.1487, -34.6169 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 120.4720, -6.1487, -34.6169 by changing the saturation by 10% instead.

■ 120.4720, -6.1487,
-34.6169

■ 120.4720, -6.1487,
-34.6169

■ 255.0000, 0.0000,
0.0000

■ 94.7000, -5.2751,
-34.8169

■ 173.6460, -6.7275,
-35.6465

■ 69.5150, -4.6909,
-35.5317

■ 201.2330, -7.0169,
-36.1613

■ 44.3620, -2.6435,
-38.9055

■ 229.7060, -7.7431,
-36.5762

■ 28.4670, -5.1602,
-24.9656

■ 241.9710, 0.5073,
-22.7766

■ 14.0880, -6.9454,
-12.3552

■ 252.0100, 1.4741,
-6.1478

■ 0.0000, 0.0000,
0.0000

■ 120.4720, -6.1487,
-34.6169

■ 120.4720, -6.1487,
-34.6169

■ 115.3740, -7.5794,
-42.4240

■ 125.5700, -4.7180,
-26.8099

■ 109.9770, -8.8627,
-50.8458

■ 130.9670, -3.4347,
-18.3881

■ 104.8790,
-10.2933, -58.6529

■ 136.0650, -2.0040,
-10.5810

■ 99.7810, -11.7240,
-66.4599

■ 141.1630, -0.5734,
-2.7740

■ 94.3840, -13.0073,
-74.8818

■ 146.5600, 0.7099,
5.6479

■ 91.0090, -14.3014,
-79.8149

■ 151.6580, 2.1406,
13.4549

■ 156.8700, 4.0081,
21.1620

■ 161.9680, 5.4388,

28.9691

■ 167.3650, 6.7221,
37.3909

Harmonies

Analogous

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



124.8960, -19.1757, -9.5558



120.4720, -6.1487, -34.6169



113.3620, 10.6675, -61.7075

Triad

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



120.4720, -6.1487, -34.6169



127.9580, 27.1357, -23.6422



131.5510, -15.5546, 42.4898

Complementary

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



120.4720, -6.1487, -34.6169



103.5280, 6.1487, 34.6169

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.



133.3520, -3.6245, 42.6643



120.4720, -6.1487, -34.6169



133.0220, 20.2022, 6.9967

Square

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



120.4720, -6.1487, -34.6169



117.8460, 30.1489, -56.8699



134.3040, 9.2171, 30.4284



130.0090, -23.6684, 31.5641

Rectangle

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



120.4720, -6.1487, -34.6169



107.0530, 22.6519, -78.9765



134.3040, 9.2171, 30.4284



131.8870, -11.7763, 43.9491

Sweetspot

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



120.4720, -6.1487, -34.6169



177.2280, -2.5774, -13.3550



127.8590, -23.1015, -10.4003



88.6030, -1.2833, -8.4218



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.



120.4720, -6.1487, -34.6169



150.8410, -9.2886, -54.2346



124.0060, 7.3920, -37.7163



68.4510, -0.7153, -3.9035



85.9710, -13.2967, -75.3966



5.0380, -1.0047, -4.4183

Inverse Universe

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



103.5280, 6.1487, 34.6169



124.2730, 9.7254, 54.1346



99.9940, -7.3920, 37.7163



66.5490, 0.7153, 3.9035



49.0290, 13.2967, 75.3966



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 120.4720, -6.1487, -34.6169 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 120.4720, -6.1487, -34.6169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

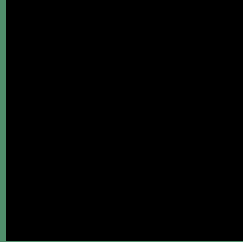
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.4720, -6.1487, -34.6169

Background



This preview shows how black text looks on a background with the YUV color 120.4720, -6.1487, -34.6169.



This preview shows how white text looks on a background with the YUV color 120.4720, -6.1487, -34.6169.

-34.6169.

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

120.4720, -6.1487, -34.6169

Protanopia

129.2000, -13.4096, 7.7176

Deuteranopia

130.6940, -9.2161, 16.0544



Tritanopia

125.2010, 11.7329, -29.9943

Trichromacy



Original Color

120.4720, -6.1487, -34.6169

Protanomaly

126.0840, -10.8874, -7.9667

Deuteranomaly

127.2140, -7.9935, -2.8187

Tritanomaly

123.4690, 5.1918, -31.9833

Monochromacy



Original Color

120.4720, -6.1487, -34.6169

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.0540, -1.9986, -12.3254

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.4720, -6.1487, -34.6169 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(81, 143, 108)` looks like.

```
.text, #text, p{  
    color:rgb(81, 143, 108)  
}
```

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(81, 143, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 143, 108) }
```

Border

The CSS property to change the border of an element to YUV 120.4720, -6.1487, -34.6169 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(81, 143, 108) }
```


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

```
.border{ border-color:rgb(81, 143, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 143, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 143, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 143, 108);  
box-shadow:4px 4px 4px 4px rgb(81, 143,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 120.4720, -6.1487, -34.6169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 143, 108) }
```

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

```
.background{ background-color: rgb(81, 143,  
108) }
```

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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