

Converting Colors

YUV(124.4820, 18.9894,
-24.1017)

Have a look what the booklet for
YUV(124.4820, 18.9894, -24.1017)
contains.

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Color

**YUV(124.4820, 18.9894,
-24.1017)**

Conversions

Conversions Part 1

Format	Color
Hex	6183A3
RGB	97, 131, 163
RGB Percent	38%, 51%, 64%
CMY	0.6196, 0.4863, 0.3608
CMYK	0.40, 0.20, 0.00, 0.36
HSL	209°, 26%, 51%
HSV	209°, 40%, 64%
XYZ	19.6569, 21.4183, 37.7485
YIQ	124.4820, -30.5360, 2.7440

Conversions

Conversions Part 2

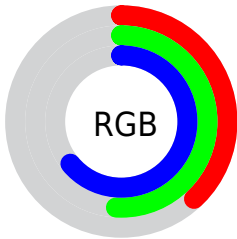
Format	Color
R _Y B	97, 119, 163
Decimal	6390691
CIE Lab	53.40, -3.47, -20.84
CIE LCh	53, 21.125, 260.541
Yxy	21.4183, 0.2494, 0.2717
Android (android.graphics.Color)	4284580771 (0xFF6183A3)
YUV	124.4820, 18.9894, -24.1017
Hunter-Lab	46.2799, -5.1739, -15.9642

Details

The YUV color **124.4820, 18.9894, -24.1017** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **135.5180, -18.9894, 24.1017**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.7100, 19.8630, -24.3017**, and **74.5420, 17.9738, -25.0313** is the 20% darker color. If you saturate the color by 10%, you get **115.0020, 23.6630, -29.8198**, and if you desaturate by 10%, it is **133.9620, 14.3157, -18.3837**.

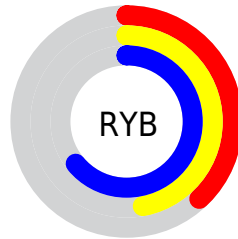
Distribution



Red (38%)

Green (51%)

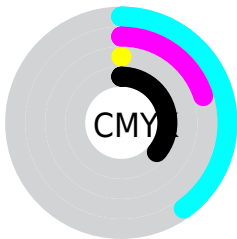
Blue (64%)



Red (38%)

Yellow (47%)

Blue (64%)

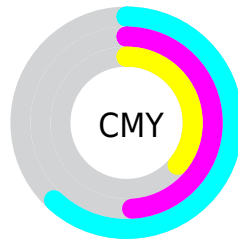


Cyan (40%)

Magenta (20%)

Yellow (0%)

Black (36%)



Cyan (62%)

Magenta (49%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.4820, 18.9894, -24.1017 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 124.4820, 18.9894, -24.1017 by changing the saturation by 10% instead.

■ 124.4820, 18.9894,
-24.1017

■ 124.4820, 18.9894,
-24.1017

■ 255.0000, 0.0000,
0.0000

■ 99.0690, 18.7000,
-24.6165

■ 177.7100, 19.8630,
-24.3017

■ 74.5420, 17.9738,
-25.0313

■ 205.5250, 20.4472,
-25.0164

■ 49.6340, 18.4214,
-28.6200

■ 231.5440, 11.5638,
-22.4021

■ 28.9010, 16.8108,
-25.3462

■ 248.7210, 3.0955,
-12.9103

■ 14.0660, 13.2785,
-12.3359

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,

0.0000

■ 124.4820, 18.9894,
-24.1017

■ 124.4820, 18.9894,
-24.1017

■ 115.0020, 23.6630,
-29.8198

■ 133.9620, 14.3157,
-18.3837

■ 105.2230, 28.4841,
-36.1526

■ 143.7410, 9.4947,
-12.0509

■ 95.7430, 33.1577,
-41.8706

■ 153.2210, 4.8210,
-6.3328

■ 86.2630, 37.8313,
-47.5887

■ 162.7010, 0.1474,
-0.6148

■ 76.7830, 42.5050,
-53.3067

■ 172.4800, -4.6736,
5.7180

■ 67.8900, 46.8892,
-59.5395

■ 181.3730, -9.0579,
11.9509

■ 190.8530,
-13.7315, 17.6689

■ 200.3330,
-18.4052, 23.3870

■ 210.1120,
-23.2262, 29.7198

Harmonies

Analogous

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



119.9380, 17.2856, -37.6566



124.4820, 18.9894, -24.1017



128.5060, 16.0195, -4.8288

Triad

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



124.4820, 18.9894, -24.1017



130.0640, -6.9336, 30.6389



123.0940, -9.4133, -14.1144

Complementary

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



124.4820, 18.9894, -24.1017



135.5180, -18.9894, 24.1017

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.



125.1840, -15.8667, 2.4696



124.4820, 18.9894, -24.1017



128.7940, -14.1954, 26.4907

Square

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



124.4820, 18.9894, -24.1017



130.6210, 1.6658, 25.7654



126.9300, -17.2205, 16.7244



120.2260, 0.3816, -29.1392

Rectangle

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



124.4820, 18.9894, -24.1017



129.9590, 12.3452, 7.0520



126.9300, -17.2205, 16.7244



124.1440, -11.9030, -8.8963

Sweetspot

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



124.4820, 18.9894, -24.1017



196.5950, 7.5947, -9.2918



139.3900, -5.1223, -37.1760



98.4060, 4.2368, -5.6181



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



124.4820, 18.9894, -24.1017



150.9670, 30.0893, -37.6821



105.1110, 28.5393, -7.1133



76.9610, 2.4842, -3.4738



60.5550, 41.6314, -53.1067



7.3350, 5.2578, -6.4328

Inverse Universe

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



120.6100, 5.1223, 37.1760



145.1380, 7.8200, 58.6380



154.8890, -28.5393, 7.1133



76.2610, 0.8573, 5.0331



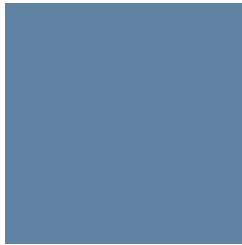
51.9050, 11.3858, 81.6443



6.4080, 1.2779, 10.1662

Previews

White Background



This preview shows how the YUV color 124.4820, 18.9894, -24.1017 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 124.4820, 18.9894, -24.1017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

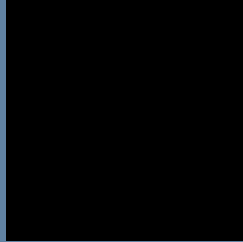
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

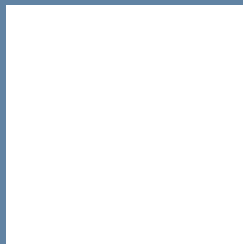
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 124.4820, 18.9894, -24.1017

Background



This preview shows how black text looks on a background with the YUV color 124.4820, 18.9894, -24.1017.

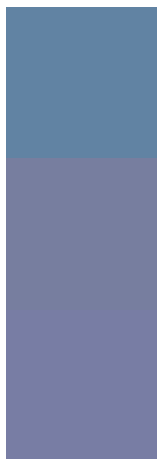


This preview shows how white text looks on a background with the YUV color 124.4820, 18.9894, -24.1017.

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

124.4820, 18.9894, -24.1017

Protanopia

127.6690, 15.4462, -7.6027

Deuteranopia

127.9510, 17.7722, -6.9730



Tritanopia

122.6960, 10.9959, -26.9204

Trichromacy



Original Color

124.4820, 18.9894, -24.1017

Protanomaly

126.5650, 16.4835, -13.6505

Deuteranomaly

126.7330, 18.3726, -12.9208

Tritanomaly

123.5050, 14.0480, -25.8759

Monochromacy



Original Color

124.4820, 18.9894, -24.1017

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.3670, 6.7211, -9.0919

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.4820, 18.9894, -24.1017 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(97, 131, 163)` looks like.

```
.text, #text, p{  
    color:rgb(97, 131, 163)  
}
```

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(97, 131, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 131, 163) }
```

Border

The CSS property to change the border of an element to YUV 124.4820, 18.9894, -24.1017 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(97, 131, 163) }
```


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

```
.border{ border-color:rgb(97, 131, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 131, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 131, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 131, 163);  
box-shadow:4px 4px 4px 4px rgb(97, 131,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 124.4820, 18.9894, -24.1017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 131, 163) }
```

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

```
.background{ background-color: rgb(97, 131,  
163) }
```

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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