

Converting Colors

YUV(124.6580, 12.0006,
-22.5021)

Have a look what the booklet for
YUV(124.6580, 12.0006, -22.5021)
contains.

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Color

**YUV(124.6580, 12.0006,
-22.5021)**

Conversions

Conversions Part 1

Format	Color
Hex	638595
RGB	99, 133, 149
RGB Percent	39%, 52%, 58%
CMY	0.6118, 0.4784, 0.4157
CMYK	0.34, 0.11, 0.00, 0.42
HSL	199°, 20%, 49%
HSV	199°, 34%, 58%
XYZ	18.9579, 21.5976, 31.6033
YIQ	124.6580, -25.4000, -2.2320

Conversions

Conversions Part 2

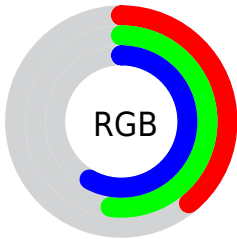
Format	Color
R_{YB}	99, 119, 149
Decimal	6522261
CIE _{Lab}	53.60, -7.85, -12.42
CIE _{LCh}	54, 14.697, 237.710
Yxy	21.5976, 0.2627, 0.2993
Android (android.graphics.Color)	4284712341 (0xFF638595)
YUV	124.6580, 12.0006, -22.5021
Hunter-Lab	46.4733, -8.5123, -7.7879

Details

The YUV color **124.6580, 12.0006, -22.5021** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **123.3420, -12.0006, 22.5021**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.4730, 12.5848, -23.2168**, and **75.1310, 11.2744, -22.9169** is the 20% darker color. If you saturate the color by 10%, you get **117.2380, 15.6587, -29.1497**, and if you desaturate by 10%, it is **132.0780, 8.3425, -15.8544**.

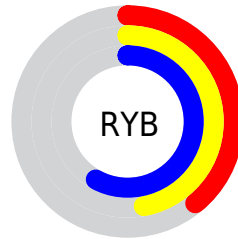
Distribution



Red (39%)

Green (52%)

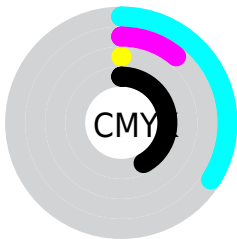
Blue (58%)



Red (39%)

Yellow (47%)

Blue (58%)

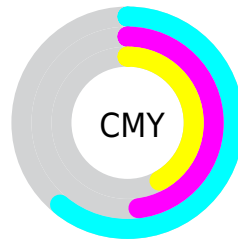


Cyan (34%)

Magenta (11%)

Yellow (0%)

Black (42%)



Cyan (61%)

Magenta (48%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.6580, 12.0006, -22.5021 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 124.6580, 12.0006, -22.5021 by changing the saturation by 10% instead.

■ 124.6580, 12.0006,
-22.5021

■ 124.6580, 12.0006,
-22.5021

■ 255.0000, 0.0000,
0.0000

■ 99.5440, 11.5638,
-22.4021

■ 177.4730, 12.5848,
-23.2168

■ 75.1310, 11.2744,
-22.9169

■ 205.1740, 12.7322,
-23.8316

■ 51.1310, 11.2744,
-22.9169

■ 232.7180, 10.9850,
-23.4317

■ 28.8210, 11.4272,
-25.2760

■ 249.0200, 2.9481,
-12.2955

■ 14.1000, 8.3317,
-12.3657

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,

0.0000

■ 124.6580, 12.0006,
-22.5021

■ 124.6580, 12.0006,
-22.5021

■ 117.2380, 15.6587,
-29.1497

■ 132.0780, 8.3425,
-15.8544

■ 109.8180, 19.3167,
-35.7974

■ 139.4980, 4.6845,
-9.2067

■ 102.9850, 22.6854,
-42.9598

■ 146.3310, 1.3158,
-2.0443

■ 95.5650, 26.3435,
-49.6075

■ 153.7510, -2.3422,
4.6034

■ 88.1450, 30.0015,
-56.2552

■ 161.1710, -6.0003,
11.2510

■ 81.0240, 33.5122,
-62.2880

■ 168.2920, -9.5110,
17.2839

■ 76.2730, 35.8544,
-66.8914

■ 175.1250,
-12.8796, 24.4464

■ 182.5450,
-16.5377, 31.0940

■ 189.9650,
-20.1957, 37.7417

Harmonies

Analogous

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



123.1970, 7.7909, -25.6058



124.6580, 12.0006, -22.5021



126.6530, 12.9891, -12.8507

Triad

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



124.6580, 12.0006, -22.5021



130.3060, -0.6439, 19.9026



126.3560, -10.0355, -1.1892

Complementary

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



124.6580, 12.0006, -22.5021



123.3420, -12.0006, 22.5021

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.



127.8520, -12.2520, 9.7768



124.6580, 12.0006, -22.5021



129.8240, -6.3222, 21.2024

Square

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



124.6580, 12.0006, -22.5021



130.2710, 5.7824, 12.0403



128.9500, -10.8213, 17.5839



124.8430, -5.3456, -12.1403

Rectangle

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



124.6580, 12.0006, -22.5021



128.9530, 11.3622, -4.3438



128.9500, -10.8213, 17.5839



127.0360, -11.3567, 2.5994

Sweetspot

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



124.6580, 12.0006, -22.5021



184.4980, 4.6845, -9.2067



130.1740, -7.4808, -27.3396



91.0640, 2.9264, -5.3181



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.



124.6580, 12.0006, -22.5021



156.0030, 18.7325, -35.0826



109.9830, 19.2354, -9.6321



70.7330, 1.6106, -3.2738



70.9100, 33.0754, -62.1881



5.2490, 2.3422, -4.6034

Inverse Universe

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



117.8260, 7.4808, 27.3396



145.3640, 11.6525, 42.6538



138.0170, -19.2354, 9.6321



69.6630, 1.1521, 3.8035



51.9780, 20.7168, 75.4413



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 124.6580, 12.0006, -22.5021 looks on a white background.

Color Contrast Check

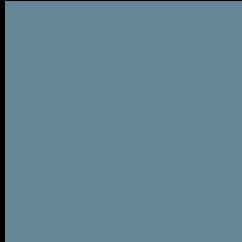
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.6580, 12.0006, -22.5021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

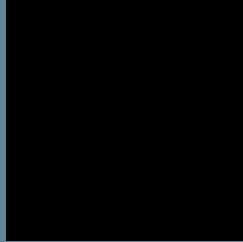
Any Text WCAG AA ✓ Pass

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 124.6580, 12.0006, -22.5021 Background



This preview shows how black text looks on a background with the YUV color 124.6580, 12.0006, -22.5021.



This preview shows how white text looks on a background with the YUV color 124.6580, 12.0006, -22.5021.

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

124.6580, 12.0006, -22.5021

Protanopia

128.4540, 8.1572, -3.0292

Deuteranopia

129.1600, 10.7671, -0.1403



Tritanopia

124.3760, 9.6746, -23.1318

Trichromacy



Original Color

124.6580, 12.0006, -22.5021

Protanomaly

127.0510, 9.3419, -9.6917

Deuteranomaly

127.5180, 11.0836, -8.3473

Tritanomaly

124.6040, 10.5482, -23.3317

Monochromacy



Original Color

124.6580, 12.0006, -22.5021

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.0960, 4.3897, -7.9772

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.6580, 12.0006, -22.5021 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(99, 133, 149)` looks like.

```
.text, #text, p{  
    color:rgb(99, 133, 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(99, 133, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 133, 149) }
```

Border

The CSS property to change the border of an element to YUV 124.6580, 12.0006, -22.5021 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(99, 133, 149) }
```


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

```
.border{ border-color:rgb(99, 133, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 133, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 133, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 133, 149);  
box-shadow:4px 4px 4px 4px rgb(99, 133,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 124.6580, 12.0006, -22.5021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 133, 149) }
```

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

```
.background{ background-color: rgb(99, 133,  
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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