

Converting Colors

YUV(124.2220, 13.2016,
-34.3977)

Have a look what the booklet for
YUV(124.2220, 13.2016, -34.3977)
contains.

YUV(124.2220, 13.2016, -34.3977)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(124.2220, 13.2016,
-34.3977)**

Conversions

Conversions Part 1

Format	Color
Hex	558B97
RGB	85, 139, 151
RGB Percent	33%, 55%, 59%
CMY	0.6667, 0.4549, 0.4078
CMYK	0.44, 0.08, 0.00, 0.41
HSL	191°, 28%, 46%
HSV	191°, 44%, 59%
XYZ	18.5648, 22.6309, 32.6679
YIQ	124.2220, -36.0360, -7.7160

Conversions

Conversions Part 2

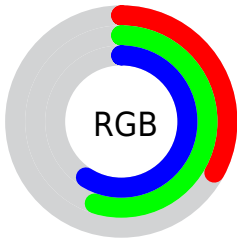
Format	Color
R_{YB}	85, 115, 151
Decimal	5606295
CIE _{Lab}	54.69, -14.59, -12.01
CIE _{LCh}	55, 18.901, 219.455
Yxy	22.6309, 0.2513, 0.3064
Android (android.graphics.Color)	4283796375 (0xFF558B97)
YUV	124.2220, 13.2016, -34.3977
Hunter-Lab	47.5719, -13.5917, -7.4144

Details

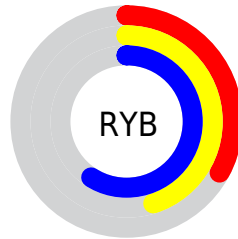
The YUV color **124.2220, 13.2016, -34.3977** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **111.7780, -13.2016, 34.3977**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.9230, 13.3490, -35.0125**, and **72.9120, 13.3544, -36.7568** is the 20% darker color. If you saturate the color by 10%, you get **117.9760, 16.2808, -42.0750**, and if you desaturate by 10%, it is **130.4680, 10.1223, -26.7204**.

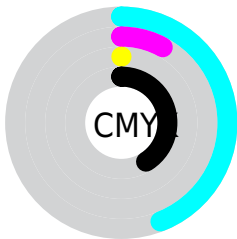
Distribution



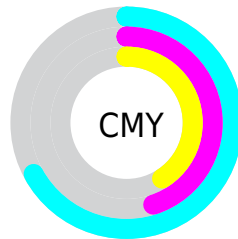
- Red (33%)
- Green (55%)
- Blue (59%)



- Red (33%)
- Yellow (45%)
- Blue (59%)



- Cyan (44%)
- Magenta (8%)
- Yellow (0%)
- Black (41%)



- Cyan (67%)
- Magenta (45%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.2220, 13.2016, -34.3977 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 124.2220, 13.2016, -34.3977 by changing the saturation by 10% instead.

■ 124.2220, 13.2016,
-34.3977

■ 124.2220, 13.2016,
-34.3977

■ 255.0000, 0.0000,
0.0000

■ 98.2220, 13.2016,
-34.3977

■ 177.9230, 13.3490,
-35.0125

■ 72.9120, 13.3544,
-36.7568

■ 205.6240, 13.4964,
-35.6272

■ 46.8190, 14.3862,
-41.0603

■ 232.9400, 10.8756,
-35.0274

■ 31.3970, 11.1433,
-27.5352

■ 245.1330, 4.8644,
-20.2876

■ 17.7360, 7.0322,
-15.5545

■ 253.8040, 0.5896,
-2.4591

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,

0.0000

■ 124.2220, 13.2016,
-34.3977

■ 124.2220, 13.2016,
-34.3977

■ 117.9760, 16.2808,
-42.0750

■ 130.4680, 10.1223,
-26.7204

■ 112.3170, 19.0707,
-50.2670

■ 136.1270, 7.3324,
-18.5284

■ 106.0710, 22.1500,
-57.9443

■ 142.3730, 4.2531,
-10.8511

■ 99.8250, 25.2293,
-65.6215

■ 148.6190, 1.1738,
-3.1739

■ 93.2800, 28.4560,
-73.9136

■ 155.1640, -2.0529,
5.1182

■ 90.0020, 30.0720,
-78.9318

■ 160.8230, -4.8427,
13.3102

■ 167.0690, -7.9220,
20.9875

■ 173.3150,
-11.0013, 28.6647

■ 179.5610,
-14.0806, 36.3420

Harmonies

Analogous

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



123.6970, 6.0654, -32.1833



124.2220, 13.2016, -34.3977



127.1890, 16.6688, -26.4758

Triad

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



124.2220, 13.2016, -34.3977



133.9730, 4.4503, 19.3177



129.4450, -15.0094, 7.5027

Complementary

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



124.2220, 13.2016, -34.3977



111.7780, -13.2016, 34.3977

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.



131.2230, -14.8999, 19.0984



124.2220, 13.2016, -34.3977



133.2530, -3.5757, 26.9651

Square

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



124.2220, 13.2016, -34.3977



133.0190, 11.3296, 6.1223



132.4180, -10.5591, 26.8204



127.6820, -11.1822, -6.7371

Rectangle

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



124.2220, 13.2016, -34.3977



129.2550, 16.6363, -16.0096



132.4180, -10.5591, 26.8204



130.2390, -15.8938, 11.1914

Sweetspot

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



124.2220, 13.2016, -34.3977



186.1770, 4.8427, -13.3102



124.9960, -14.2950, -35.0765



93.3410, 2.7899, -8.1921



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



124.2220, 13.2016, -34.3977



154.9360, 20.2446, -53.4409



105.4380, 22.4621, -17.9241



73.4340, 1.7580, -3.8886



83.4650, 27.8718, -73.1988



7.3520, 2.7845, -6.4477

Inverse Universe

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



110.8900, 13.8582, 35.1765



134.0740, 21.6555, 54.3091



130.5620, -22.4621, 17.9241



72.0760, 1.4415, 4.3183



54.9700, 29.5948, 74.5713



5.0270, 2.4517, 6.9923

Previews

White Background



This preview shows how the YUV color 124.2220, 13.2016, -34.3977 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 124.2220, 13.2016, -34.3977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

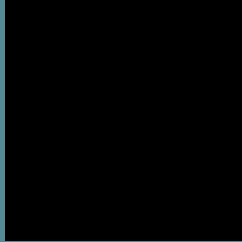
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 124.2220, 13.2016, -34.3977

Background



This preview shows how black text looks on a background with the YUV color 124.2220, 13.2016, -34.3977.



This preview shows how white text looks on a background with the YUV color 124.2220, 13.2016, -34.3977.

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

124.2220, 13.2016, -34.3977

Protanopia

130.5250, 7.1362, -2.2144

Deuteranopia

131.5730, 11.0565, 0.3745



Tritanopia

124.1080, 12.7648, -34.2977

Trichromacy



Original Color

124.2220, 13.2016, -34.3977

Protanomaly

128.3170, 9.2107, -14.3100

Deuteranomaly

128.7240, 11.9681, -12.0359

Tritanomaly

124.1080, 12.7648, -34.2977

Monochromacy



Original Color

124.2220, 13.2016, -34.3977

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.8890, 4.9847, -12.1807

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.2220, 13.2016, -34.3977 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(85, 139, 151)` looks like.

```
.text, #text, p{  
    color:rgb(85, 139, 151)  
}
```

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(85, 139, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 139, 151) }
```

Border

The CSS property to change the border of an element to YUV 124.2220, 13.2016, -34.3977 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(85, 139, 151) }
```


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

```
.border{ border-color:rgb(85, 139, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 139, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 139, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 139, 151);  
box-shadow:4px 4px 4px 4px rgb(85, 139,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 124.2220, 13.2016, -34.3977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 139, 151) }
```

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

```
.background{ background-color: rgb(85, 139,  
151) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor