

Converting Colors

YUV(124.9320, 6.4425,
-13.0954)

Have a look what the booklet for
YUV(124.9320, 6.4425, -13.0954)
contains.

YUV(124.9320, 6.4425, -13.0954)	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(124.9320, 6.4425,
-13.0954)**

Conversions

Conversions Part 1

Format	Color
Hex	6E828A
RGB	110, 130, 138
RGB Percent	43%, 51%, 54%
CMY	0.5686, 0.4902, 0.4588
CMYK	0.20, 0.06, 0.00, 0.46
HSL	197°, 11%, 49%
HSV	197°, 20%, 54%
XYZ	19.0005, 21.1152, 27.1190
YIQ	124.9320, -14.4880, -1.7520

Conversions

Conversions Part 2

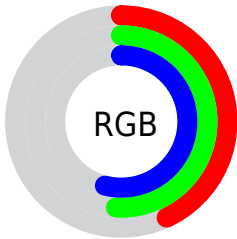
Format	Color
R_{YB}	110, 122, 138
Decimal	7242378
CIE _{Lab}	53.08, -5.38, -6.74
CIE _{LCh}	53, 8.625, 231.386
Yxy	21.1152, 0.2826, 0.3141
Android (android.graphics.Color)	4285432458 (0xFF6E828A)
YUV	124.9320, 6.4425, -13.0954
Hunter-Lab	45.9513, -6.6066, -2.8251

Details

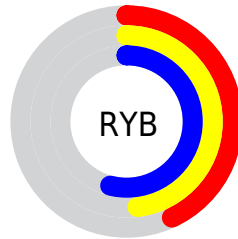
The YUV color $124.9320, 6.4425, -13.0954$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $123.0680, -6.4425, 13.0954$, and the grayscale version is $125.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $177.6330, 6.5899, -13.7101$, and $76.1170, 5.8583, -12.3806$ is the 20% darker color. If you saturate the color by 10%, you get $118.3980, 9.6638, -19.6430$, and if you desaturate by 10%, it is $131.4660, 3.2213, -6.5477$.

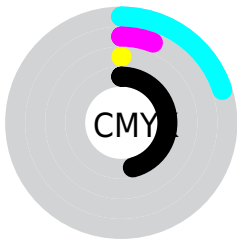
Distribution



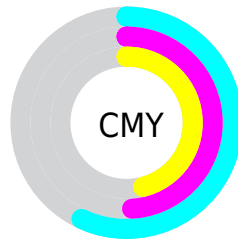
- Red (43%)
- Green (51%)
- Blue (54%)



- Red (43%)
- Yellow (48%)
- Blue (54%)



- Cyan (20%)
- Magenta (6%)
- Yellow (0%)
- Black (46%)



- Cyan (57%)
- Magenta (49%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.9320, 6.4425, -13.0954 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 124.9320, 6.4425, -13.0954 by changing the saturation by 10% instead.

■ 124.9320, 6.4425,
-13.0954

■ 124.9320, 6.4425,
-13.0954

■ 255.0000, 0.0000,
0.0000

■ 99.9320, 6.4425,
-13.0954

■ 177.6330, 6.5899,
-13.7101

■ 76.1170, 5.8583,
-12.3806

■ 205.3340, 6.7373,
-14.3249

■ 53.1170, 5.8583,
-12.3806

■ 233.4480, 7.1741,
-14.4249

■ 31.4160, 5.7109,
-11.7658

■ 252.3090, 1.3267,
-5.5330

■ 11.4270, 5.7055,
-10.0215

■ 0.0000, 0.0000,
0.0000

■ 124.9320, 6.4425,
-13.0954

■ 124.9320, 6.4425,
-13.0954

■ 118.3980, 9.6638,
-19.6430

■ 131.4660, 3.2213,
-6.5477

■ 111.8640, 12.8850,
-26.1907

■ 138.0000, 0.0000,
0.0000

■ 105.6290, 15.9589,
-32.1236

■ 144.2350, -3.0739,
5.9329

■ 99.0950, 19.1802,
-38.6713

■ 150.7690, -6.2951,
12.4806

■ 92.5610, 22.4014,
-45.2190

■ 157.3030, -9.5164,
19.0283

■ 86.0270, 25.6227,
-51.7667

■ 163.8370,
-12.7376, 25.5760

■ 79.4930, 28.8440,
-58.3144


■ 170.3710,
-15.9589, 32.1236

■ 73.8450, 31.6284,

■ 176.6060,

-64.7621

-19.0328, 38.0565

 182.5530,
-21.9646, 45.1190

Harmonies

Analogous

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



124.2370, 3.8272, -14.2398



124.9320, 6.4425, -13.0954



126.1930, 7.2999, -8.0623

Triad

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



124.9320, 6.4425, -13.0954



128.4790, 0.2569, 10.9809



125.9910, -6.4046, 0.8849

Complementary

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



124.9320, 6.4425, -13.0954



123.0680, -6.4425, 13.0954

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.



126.5080, -7.1524, 7.4475



124.9320, 6.4425, -13.0954



128.2790, -3.0955, 12.9103

Square

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



124.9320, 6.4425, -13.0954



127.7710, 4.0569, 5.4628



127.4700, -6.1477, 11.8658



125.2290, -4.0569, -5.4628

Rectangle

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



124.9320, 6.4425, -13.0954



126.5140, 7.1416, -3.9588



127.4700, -6.1477, 11.8658



126.1870, -6.9942, 3.3440

Sweetspot

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



124.9320, 6.4425, -13.0954



173.3630, 2.7790, -4.7034



127.3480, -4.6086, -15.2142



86.0320, 1.4632, -2.6591



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



124.9320, 6.4425, -13.0954



158.5120, 10.1006, -19.7430



116.7140, 10.4940, -5.8882



65.7330, 1.6106, -3.2738



70.9270, 30.6020, -62.2030



2.9180, 1.0264, -2.5591

Inverse Universe

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



120.6520, 4.6086, 15.2142



152.2770, 6.7654, 23.4361



131.2860, -10.4940, 5.8882



64.6630, 1.1521, 3.8035



50.5970, 21.8907, 72.2674



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 124.9320, 6.4425, -13.0954 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 124.9320, 6.4425, -13.0954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

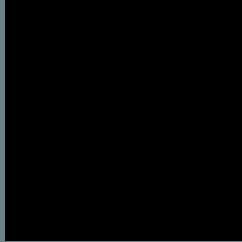
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

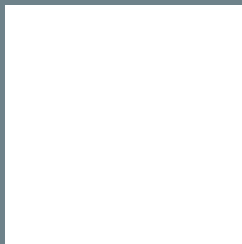
Any Text WCAG AAA × Fail

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

YUV 124.9320, 6.4425, -13.0954 Background



This preview shows how black text looks on a background with the YUV color 124.9320, 6.4425, -13.0954.



This preview shows how white text looks on a background with the YUV color 124.9320, 6.4425,

-13.0954.

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

124.9320, 6.4425, -13.0954

Protanopia

127.0260, 3.9312, -0.8998

Deuteranopia

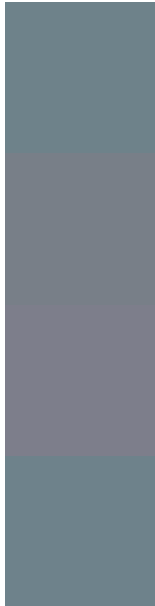
127.8140, 5.5147, 4.5481



Tritanopia

125.1600, 7.3161, -13.2953

Trichromacy



Original Color

124.9320, 6.4425, -13.0954

Protanomaly

125.9330, 4.9630, -5.2032

Deuteranomaly

127.1830, 5.8258, -1.9145

Tritanomaly

125.0460, 6.8793, -13.1953

Monochromacy



Original Color

124.9320, 6.4425, -13.0954

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.2490, 2.3422, -4.6034

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.9320, 6.4425, -13.0954 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(110, 130, 138)` looks like.

```
.text, #text, p{  
    color:rgb(110, 130, 138)  
}
```

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(110, 130, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 130, 138) }
```

Border

The CSS property to change the border of an element to YUV 124.9320, 6.4425, -13.0954 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(110, 130, 138) }
```


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

```
.border{ border-color:rgb(110, 130, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 130, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 130, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 130, 138);  
box-shadow:4px 4px 4px 4px rgb(110, 130,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 124.9320, 6.4425, -13.0954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 130, 138) }
```

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

```
.background{ background-color: rgb(110,  
130, 138) }
```

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