

Converting Colors

YUV(110.1520, -24.2319,
-21.1813)

Have a look what the booklet for
YUV(110.1520, -24.2319, -21.1813)
contains.

YUV(110.1520, -24.2319, -21.1813)	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(110.1520, -24.2319,
-21.1813)**

Conversions

Conversions Part 1

Format	Color
Hex	56843D
RGB	86, 132, 61
RGB Percent	34%, 52%, 24%
CMY	0.6627, 0.4824, 0.7608
CMYK	0.35, 0.00, 0.54, 0.48
HSL	99°, 37%, 38%
HSV	99°, 54%, 52%
XYZ	12.9313, 18.8179, 7.3655
YIQ	110.1520, -4.6250, -31.8330

Conversions

Conversions Part 2

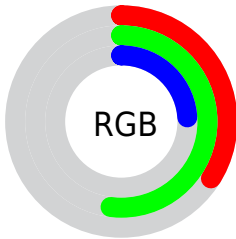
Format	Color
RYB	61, 132, 107
Decimal	5669949
CIELab	50.47, -29.36, 33.12
CIELCh	50, 44.260, 131.560
Yxy	18.8179, 0.3306, 0.4811
Android (android.graphics.Color)	4283860029 (0xFF56843D)
YUV	110.1520, -24.2319, -21.1813
Hunter-Lab	43.3796, -22.7040, 20.2987

Details

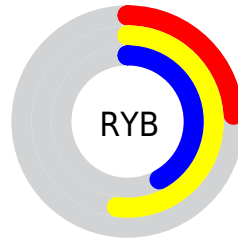
The YUV color **110.1520, -24.2319, -21.1813** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **82.8480, 24.2319, 21.1813**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.3970, -25.8317, -21.3962**, and **60.0810, -23.2109, -21.9960** is the 20% darker color. If you saturate the color by 10%, you get **105.9790, -28.5836, -25.4146**, and if you desaturate by 10%, it is **114.3250, -19.8802, -16.9480**.

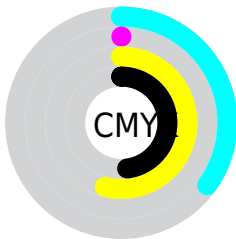
Distribution



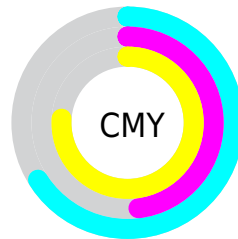
- Red (34%)
- Green (52%)
- Blue (24%)



- Red (24%)
- Yellow (52%)
- Blue (42%)



- Cyan (35%)
- Magenta (0%)
- Yellow (54%)
- Black (48%)



- Cyan (66%)
- Magenta (48%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.1520, -24.2319, -21.1813 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 110.1520, -24.2319, -21.1813 by changing the saturation by 10% instead.

■ 110.1520,
-24.2319, -21.1813

■ 110.1520,
-24.2319, -21.1813

■ 255.0000, 0.0000,
0.0000

■ 85.2660, -23.7951,
-21.2813

■ 162.3970,
-25.8317, -21.3962

■ 60.0810, -23.2109,
-21.9960

■ 189.8700,
-26.5579, -21.8110

■ 37.0360, -18.2587,
-23.7106

■ 218.3430,
-27.2841, -22.2258

■ 21.7190, -10.7075,
-19.0476

■ 237.4240,
-23.3800, -14.4038

■ 1.7610, -0.8682,
-1.5444

■ 249.2870,
-15.4245, 0.6253

■ 0.0000, 0.0000,
0.0000

■ 254.0880, -3.4944,

0.7998

■ 110.1520,
-24.2319, -21.1813

■ 110.1520,
-24.2319, -21.1813

■ 105.9790,
-28.5836, -25.4146

■ 114.3250,
-19.8802, -16.9480

■ 102.1050,
-33.0828, -29.0331

■ 118.1990,
-15.3811, -13.3295

■ 97.8180, -37.8713,
-33.1664

■ 122.4860,
-10.5926, -9.1962

■ 93.9440, -42.3704,
-36.7849

■ 126.3600, -6.0935,
-5.5777

■ 91.2380, -44.9803,
-39.6737

■ 130.5330, -1.7418,
-1.3444

■ 134.4070, 2.7573,
2.2741

■ 138.5800, 7.1091,
6.5073

■ 142.5680, 12.0450,
10.0259

■ 146.7410, 16.3967,
14.2591

Harmonies

Analogous

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



114.9620, -35.9703, 10.5573



110.1520, -24.2319, -21.1813



93.0430, 0.9648, -76.3367

Triad

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



110.1520, -24.2319, -21.1813



98.6710, 45.5182, -86.5345



120.0770, -6.4470, 61.3225

Complementary

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



110.1520, -24.2319, -21.1813



82.8480, 24.2319, 21.1813

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.



122.8700, 10.9101, 47.4720



110.1520, -24.2319, -21.1813



115.5900, 38.6561, -32.0894

Square

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



110.1520, -24.2319, -21.1813



99.6850, 34.1723, -87.4237



123.6840, 26.2848, 16.0631



119.2770, -23.3076, 55.8851

Rectangle

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



110.1520, -24.2319, -21.1813



95.3870, 12.6272, -83.6544



123.6840, 26.2848, 16.0631



120.9610, -0.4738, 58.7932

Sweetspot

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



110.1520, -24.2319, -21.1813



162.5400, -9.1402, -8.3666



108.6440, -23.4885, 20.4832



81.7730, -5.8041, -5.0629



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



110.1520, -24.2319, -21.1813



136.8180, -37.8713, -33.1664



103.7030, -16.6156, -37.4505



64.1200, -2.0312, -1.8592



90.0640, -44.4016, -38.6441



2.0600, -1.0156, -0.9296

Inverse Universe

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



82.8480, 24.2319, 21.1813



94.1820, 37.8713, 33.1664



89.2970, 16.6156, 37.4505



61.8800, 2.0312, 1.8592



39.9360, 44.4016, 38.6441



0.9400, 1.0156, 0.9296

Previews

White Background



This preview shows how the YUV color 110.1520, -24.2319, -21.1813 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 110.1520, -24.2319, -21.1813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

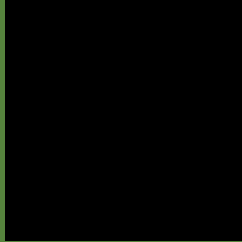
Any Text WCAG AA ✓ Pass

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 110.1520, -24.2319, -21.1813 Background



This preview shows how black text looks on a background with the YUV color 110.1520, -24.2319, -21.1813.



This preview shows how white text looks on a background with the YUV color 110.1520, -24.2319, -21.1813.

-21.1813.

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

110.1520, -24.2319, -21.1813

Protanopia

116.7050, -29.4346, 14.2907

Deuteranopia

118.0960, -25.6833, 24.4718



Tritanopia

117.3660, 8.2006, -16.9840

Trichromacy



Original Color

110.1520, -24.2319, -21.1813

Protanomaly

114.0840, -27.6494, 1.6803

Deuteranomaly

115.3990, -25.3397, 7.5431

Tritanomaly

114.8530, -3.8715, -18.2881

Monochromacy



Original Color

110.1520, -24.2319, -21.1813

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9530, -8.8508, -7.8518

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.1520, -24.2319, -21.1813 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(86, 132, 61)` looks like.

```
.text, #text, p{  
    color:rgb(86, 132, 61)  
}
```

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(86, 132, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 132, 61) }
```

Border

The CSS property to change the border of an element to YUV 110.1520, -24.2319, -21.1813 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(86, 132, 61) }
```


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

```
.border{ border-color:rgb(86, 132, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 132, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 132, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 132, 61);  
box-shadow:4px 4px 4px 4px rgb(86, 132,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 110.1520, -24.2319, -21.1813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 132, 61) }
```

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

```
.background{ background-color: rgb(86, 132,  
61) }
```

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