

Converting Colors

YUV(121.8320, -25.5532,
-17.3927)

Have a look what the booklet for
YUV(121.8320, -25.5532, -17.3927)
contains.

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Color

**YUV(121.8320, -25.5532,
-17.3927)**

Conversions

Conversions Part 1

Format	Color
Hex	668E46
RGB	102, 142, 70
RGB Percent	40%, 56%, 27%
CMY	0.6000, 0.4431, 0.7255
CMYK	0.28, 0.00, 0.51, 0.44
HSL	93°, 34%, 42%
HSV	93°, 51%, 56%
XYZ	16.2580, 22.6130, 9.3022
YIQ	121.8320, -0.7280, -30.8720

Conversions

Conversions Part 2

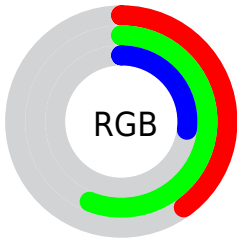
Format	Color
RYB	70, 142, 110
Decimal	6721094
CIELab	54.67, -27.07, 33.76
CIELCh	55, 43.271, 128.718
Yxy	22.6130, 0.3375, 0.4694
Android (android.graphics.Color)	4284911174 (0xFF668E46)
YUV	121.8320, -25.5532, -17.3927
Hunter-Lab	47.5531, -22.1904, 21.6890

Details

The YUV color **121.8320, -25.5532, -17.3927** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **90.1680, 25.5532, 17.3927**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.0770, -27.1530, -17.6075**, and **71.4730, -24.3902, -17.0778** is the 20% darker color. If you saturate the color by 10%, you get **117.8440, -30.4891, -20.9112**, and if you desaturate by 10%, it is **125.8200, -20.6173, -13.8741**.

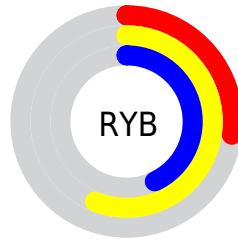
Distribution



Red (40%)

Green (56%)

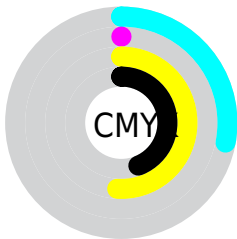
Blue (27%)



Red (27%)

Yellow (56%)

Blue (43%)

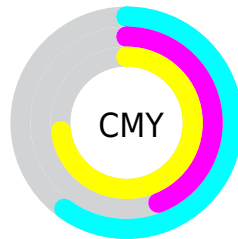


Cyan (28%)

Magenta (0%)

Yellow (51%)

Black (44%)



Cyan (60%)

Magenta (44%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.8320, -25.5532, -17.3927 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 121.8320, -25.5532, -17.3927 by changing the saturation by 10% instead.

■ 121.8320,
-25.5532, -17.3927

■ 121.8320,
-25.5532, -17.3927

■ 255.0000, 0.0000,
0.0000

■ 96.3590, -24.8270,
-16.9778

■ 175.0770,
-27.1530, -17.6075

■ 71.4730, -24.3902,
-17.0778

■ 202.5500,
-27.8792, -18.0224

■ 47.9890, -23.6586,
-18.4074

■ 231.0230,
-28.6053, -18.4372

■ 26.7140, -13.1700,
-22.5512

■ 244.0600,
-21.2286, -4.4376

■ 14.6750, -7.2348,
-12.8700

■ 252.0360,
-11.3567, 2.5994

■ 0.0000, 0.0000,
0.0000

■ 121.8320,
-25.5532, -17.3927

■ 121.8320,
-25.5532, -17.3927

■ 117.8440,
-30.4891, -20.9112

■ 125.8200,
-20.6173, -13.8741

■ 113.8560,
-35.4250, -24.4297

■ 129.8080,
-15.6813, -10.3556

■ 109.7540,
-40.7977, -27.8483

■ 133.9100,
-10.3086, -6.9371

■ 105.7660,
-45.7336, -31.3668

■ 137.8980, -5.3727,
-3.4185

■ 102.1910,
-50.3802, -34.3705

■ 141.5870, -0.2894,
-0.5148

■ 145.5750, 4.6465,
3.0037

■ 149.5630, 9.5824,
6.5222

■ 153.6650, 14.9552,

9.9408

■ 157.6530, 19.8911,
13.4593

Harmonies

Analogous

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



125.9840, -35.9811, 14.0460



121.8320, -25.5532, -17.3927



111.9590, -4.9098, -58.7230

Triad

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



121.8320, -25.5532, -17.3927



106.1540, 46.2661, -93.0971



132.0060, -5.4260, 60.5077

Complementary

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



121.8320, -25.5532, -17.3927



90.1680, 25.5532, 17.3927

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.



133.9020, 12.3733, 44.8129



121.8320, -25.5532, -17.3927



125.9810, 38.9564, -35.0633

Square

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



121.8320, -25.5532, -17.3927



107.0540, 34.4834, -93.8864



134.4770, 26.8798, 11.8597



130.6300, -22.0026, 57.3295

Rectangle

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



121.8320, -25.5532, -17.3927



102.0550, 12.7909, -89.5022



134.4770, 26.8798, 11.8597



132.5910, 0.6946, 57.3637

Sweetspot

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



121.8320, -25.5532, -17.3927



176.0240, -9.8718, -7.0370



115.0080, -22.1889, 23.6720



87.3710, -6.0989, -3.8334



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



121.8320, -25.5532, -17.3927



152.3950, -39.6347, -27.5334



112.7200, -19.0890, -37.4654



69.0060, -2.4680, -1.7593



97.1850, -47.9122, -32.6112



5.5930, -2.7573, -2.2741

Inverse Universe

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



90.1680, 25.5532, 17.3927



103.3060, 39.7821, 26.9186



99.2800, 19.0890, 37.4654



65.9940, 2.4680, 1.7593



37.8150, 47.9122, 32.6112



2.1080, 2.9048, 1.6593

Previews

White Background



This preview shows how the YUV color 121.8320, -25.5532, -17.3927 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 121.8320, -25.5532, -17.3927 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 121.8320, -25.5532, -17.3927 Background



This preview shows how black text looks on a background with the YUV color 121.8320, -25.5532, -17.3927.



This preview shows how white text looks on a background with the YUV color 121.8320, -25.5532, -17.3927.

-17.3927.

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

121.8320, -25.5532, -17.3927

Protanopia

126.8900, -30.0188, 15.0055

Deuteranopia

128.7650, -26.9991, 26.5161



Tritanopia

128.9750, 7.9003, -14.0101

Trichromacy



Original Color

121.8320, -25.5532, -17.3927

Protanomaly

124.8670, -28.5284, 3.6246

Deuteranomaly

126.4810, -26.3661, 10.1022

Tritanomaly

126.4620, -4.1718, -15.3142

Monochromacy



Original Color

121.8320, -25.5532, -17.3927

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.8500, -9.2931, -6.0075

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.8320, -25.5532, -17.3927 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(102, 142, 70)` looks like.

```
.text, #text, p{  
    color:rgb(102, 142, 70)  
}
```

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(102, 142, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 142, 70) }
```

Border

The CSS property to change the border of an element to YUV 121.8320, -25.5532, -17.3927 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(102, 142, 70) }
```


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

```
.border{ border-color:rgb(102, 142, 70) }
```

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

Here you see how a box with a 4 pixel rgb(102, 142, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 142, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 142, 70);  
box-shadow:4px 4px 4px 4px rgb(102, 142,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 121.8320, -25.5532, -17.3927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 142, 70) }
```

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

```
.background{ background-color: rgb(102,  
142, 70) }
```

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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