

Converting Colors

YUV(120.8440, -10.2761,
-17.4032)

Have a look what the booklet for
YUV(120.8440, -10.2761, -17.4032)
contains.

YUV(120.8440, -10.2761, -17.4032)	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(120.8440, -10.2761,
-17.4032)**

Conversions

Conversions Part 1

Format	Color
Hex	658764
RGB	101, 135, 100
RGB Percent	40%, 53%, 39%
CMY	0.6039, 0.4706, 0.6078
CMYK	0.25, 0.00, 0.26, 0.47
HSL	118°, 15%, 46%
HSV	118°, 26%, 53%
XYZ	16.3311, 21.0147, 15.2521
YIQ	120.8440, -9.0290, -18.0930

Conversions

Conversions Part 2

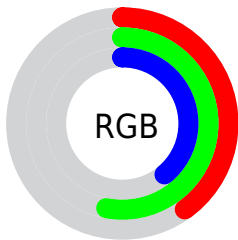
Format	Color
R_{YB}	100, 135, 134
Decimal	6653796
CIE _{Lab}	52.97, -19.30, 15.04
CIE _{LCh}	53, 24.464, 142.073
Yxy	21.0147, 0.3105, 0.3995
Android (android.graphics.Color)	4284843876 (0xFF658764)
YUV	120.8440, -10.2761, -17.4032
Hunter-Lab	45.8418, -16.6330, 12.3628

Details

The YUV color **120.8440, -10.2761, -17.4032** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **114.1560, 10.2761, 17.4032**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.3170, -11.0023, -17.8180**, and **71.7840, -9.2605, -16.4736** is the 20% darker color. If you saturate the color by 10%, you get **115.3610, -14.4750, -23.9956**, and if you desaturate by 10%, it is **126.3270, -6.0772, -10.8108**.

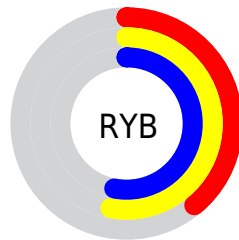
Distribution



Red (40%)

Green (53%)

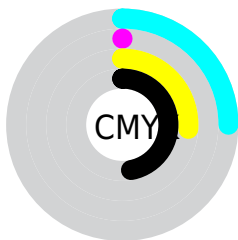
Blue (39%)



Red (39%)

Yellow (53%)

Blue (53%)

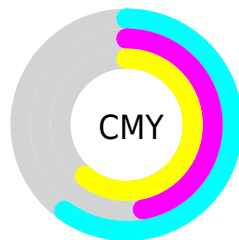


Cyan (25%)

Magenta (0%)

Yellow (26%)

Black (47%)



Cyan (60%)

Magenta (47%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.8440, -10.2761, -17.4032 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 120.8440, -10.2761, -17.4032 by changing the saturation by 10% instead.

■ 120.8440,
-10.2761, -17.4032

■ 120.8440,
-10.2761, -17.4032

■ 255.0000, 0.0000,
0.0000

■ 95.9580, -9.8393,
-17.5032

■ 173.3170,
-11.0023, -17.8180

■ 71.7840, -9.2605,
-16.4736

■ 200.9040,
-11.2917, -18.3328

■ 48.8980, -8.8237,
-16.5735

■ 229.0780,
-11.8705, -19.3624

■ 26.8980, -8.8237,
-16.5735

■ 246.8110, -6.8088,
-9.4812

■ 10.5660, -5.2090,
-9.2664

■ 0.0000, 0.0000,
0.0000

■ 120.8440,
-10.2761, -17.4032

■ 120.8440,
-10.2761, -17.4032

■ 115.3610,
-14.4750, -23.9956

■ 126.3270, -6.0772,
-10.8108

■ 109.9920,
-18.2371, -30.6880

■ 131.6960, -2.3151,
-4.1184

■ 104.5090,
-22.4359, -37.2804

■ 137.1790, 1.8838,
2.4740

■ 99.1400, -26.1980,
-43.9728

■ 142.5480, 5.6458,
9.1664

■ 93.4720, -29.8127,
-51.2799

■ 148.3300, 9.6973,
16.3736

■ 87.9890, -34.0116,
-57.8724

■ 153.6990, 13.4594,
23.0660

■ 82.6200, -37.7737,
-64.5647

■ 159.1820, 17.6583,
29.6584

■ 80.4410, -39.6574,

■ 164.5510, 21.4204,

-67.0388

36.3508

■ 170.0340, 25.6192,
42.9432

Harmonies

Analogous

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



123.6030, -18.0453, 1.2252



120.8440, -10.2761, -17.4032



117.7090, 1.1295, -35.7018

Triad

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



120.8440, -10.2761, -17.4032



122.6710, 22.3472, -27.7755



128.4560, -8.1128, 35.5571

Complementary

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



120.8440, -10.2761, -17.4032



114.1560, 10.2761, 17.4032

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.



129.3550, 1.7970, 30.3837



120.8440, -10.2761, -17.4032



127.4890, 18.4929, -4.8139

Square

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



120.8440, -10.2761, -17.4032



116.5070, 20.9490, -46.0486



129.7860, 11.4445, 15.9737



127.2460, -16.3903, 30.4793

Rectangle

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



120.8440, -10.2761, -17.4032



115.4180, 9.1609, -45.0936



129.7860, 11.4445, 15.9737



128.9550, -4.9078, 34.2425

Sweetspot

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



120.8440, -10.2761, -17.4032



170.2180, -4.0515, -7.2072



130.4230, -14.9985, 4.0140



85.5820, -2.7519, -4.0184



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.



120.8440, -10.2761, -17.4032



153.8830, -16.2113, -27.0844



122.3690, -3.1399, -19.6176



63.5220, -1.7363, -3.0888



77.5060, -38.2105, -64.4648



1.7610, -0.8682, -1.5444

Inverse Universe

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



114.1560, 10.2761, 17.4032



143.1170, 16.2113, 27.0844



112.6310, 3.1399, 19.6176



62.4780, 1.7363, 3.0888



52.4940, 38.2105, 64.4648



0.9400, 1.0156, 0.9296

Previews

White Background



This preview shows how the YUV color 120.8440, -10.2761, -17.4032 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 120.8440, -10.2761, -17.4032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

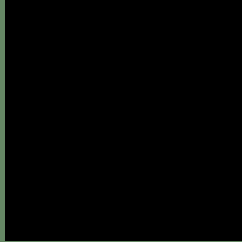
Any Text WCAG AA ✓ Pass

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 120.8440, -10.2761, -17.4032 Background



This preview shows how black text looks on a background with the YUV color 120.8440, -10.2761, -17.4032.



This preview shows how white text looks on a background with the YUV color 120.8440, -10.2761, -17.4032.

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

120.8440, -10.2761, -17.4032

Protanopia

125.2710, -14.4306, 8.5323

Deuteranopia

126.4230, -11.5475, 17.1690



Tritanopia

124.5620, 7.6109, -14.5249

Trichromacy



Original Color

120.8440, -10.2761, -17.4032

Protanomaly

123.5580, -13.0931, -0.4894

Deuteranomaly

124.4600, -11.0728, 4.8586

Tritanomaly

123.1290, 0.9224, -15.8991

Monochromacy



Original Color

120.8440, -10.2761, -17.4032

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.9300, -3.9095, -6.0776

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.8440, -10.2761, -17.4032 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(101, 135, 100)` looks like.

```
.text, #text, p{  
    color:rgb(101, 135, 100)  
}
```

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(101, 135, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 135, 100) }
```

Border

The CSS property to change the border of an element to YUV 120.8440, -10.2761, -17.4032 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(101, 135, 100) }
```


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

```
.border{ border-color:rgb(101, 135, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 135, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 135, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 135, 100);  
box-shadow:4px 4px 4px 4px rgb(101, 135,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 120.8440, -10.2761, -17.4032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 135, 100) }
```

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

```
.background{ background-color: rgb(101,  
135, 100) }
```

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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