

Converting Colors

YUV(110.5250, 13.5452,
-51.3264)

Have a look what the booklet for
YUV(110.5250, 13.5452, -51.3264)
contains.

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Color

**YUV(110.5250, 13.5452,
-51.3264)**

Conversions

Conversions Part 1

Format	Color
Hex	34878A
RGB	52, 135, 138
RGB Percent	20%, 53%, 54%
CMY	0.7961, 0.4706, 0.4588
CMYK	0.62, 0.02, 0.00, 0.46
HSL	182°, 45%, 37%
HSV	182°, 62%, 54%
XYZ	14.6676, 19.8930, 27.1114
YIQ	110.5250, -50.4310, -16.6630

Conversions

Conversions Part 2

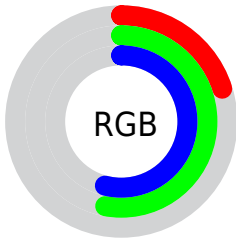
Format	Color
RYB	52, 94, 138
Decimal	3442570
CIELab	51.72, -23.69, -9.07
CIELCh	52, 25.366, 200.954
Yxy	19.8930, 0.2378, 0.3226
Android (android.graphics.Color)	4281632650 (0xFF34878A)
YUV	110.5250, 13.5452, -51.3264
Hunter-Lab	44.6016, -19.3515, -4.8188

Details

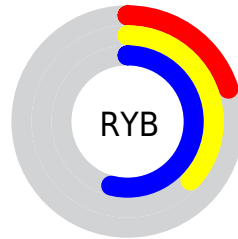
The YUV color **110.5250, 13.5452, -51.3264** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **79.4750, -13.5452, 51.3264**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.3080, 12.6662, -49.3821**, and **59.9270, 13.8400, -52.5560** is the 20% darker color. If you saturate the color by 10%, you get **106.3390, 15.6089, -59.9333**, and if you desaturate by 10%, it is **114.7110, 11.4815, -42.7195**.

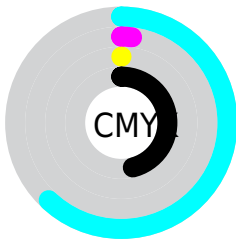
Distribution



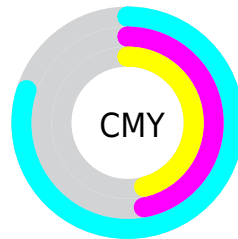
- Red (20%)
- Green (53%)
- Blue (54%)



- Red (20%)
- Yellow (37%)
- Blue (54%)



- Cyan (62%)
- Magenta (2%)
- Yellow (0%)
- Black (46%)



- Cyan (80%)
- Magenta (47%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.5250, 13.5452, -51.3264 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 110.5250, 13.5452, -51.3264 by changing the saturation by 10% instead.

■ 110.5250, 13.5452,
-51.3264

■ 110.5250, 13.5452,
-51.3264

■ 255.0000, 0.0000,
0.0000

■ 81.3500, 15.6035,
-58.1889

■ 165.3080, 12.6662,
-49.3821

■ 59.9270, 13.8400,
-52.5560

■ 192.7210, 12.9555,
-48.8673

■ 43.2170, 10.7390,
-37.9013

■ 221.4220, 13.1030,
-49.4821

■ 27.7950, 7.4961,
-24.3762

■ 236.4620, 9.1392,
-38.1162

■ 10.2530, 6.2843,
-8.9919

■ 245.1330, 4.8644,
-20.2876

■ 0.0000, 0.0000,
0.0000

■ 254.1030, 0.4422,

-1.8443

■ 110.5250, 13.5452,
-51.3264

■ 110.5250, 13.5452,
-51.3264

■ 106.3390, 15.6089,
-59.9333

■ 114.7110, 11.4815,
-42.7195

■ 101.5660, 17.9620,
-68.0254

■ 119.4840, 9.1284,
-34.6275

■ 97.6790, 19.8783,
-76.0175

■ 123.3710, 7.2121,
-26.6354

■ 93.8030, 21.7891,
-82.2652

■ 128.1440, 4.8590,
-18.5433

■ 132.3300, 2.7953,
-9.9364

■ 137.1030, 0.4422,
-1.8443

■ 141.2890, -1.6215,
6.7625

■ 145.7630, -3.8272,
14.2398

■ 149.9490, -5.8909,
22.8467

Harmonies

Analogous

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



113.9970, 0.9875, -36.8314



110.5250, 13.5452, -51.3264



112.5990, 21.3967, -49.6373

Triad

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



110.5250, 13.5452, -51.3264



126.0140, 12.3181, 15.7737



122.7300, -20.5729, 18.6538

Complementary

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



110.5250, 13.5452, -51.3264



79.4750, -13.5452, 51.3264

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.



123.8440, -16.6851, 31.7088



110.5250, 13.5452, -51.3264



126.7680, 2.0864, 30.8985

Square

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



110.5250, 13.5452, -51.3264



124.1190, 19.6613, -6.2434



125.4560, -8.1128, 35.5571



120.6740, -19.0663, 2.0399

Rectangle

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



110.5250, 13.5452, -51.3264



116.2460, 23.5427, -37.9267



125.4560, -8.1128, 35.5571



122.9910, -19.7156, 23.6869

Sweetspot

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



110.5250, 13.5452, -51.3264



167.6600, 5.5906, -19.8728



102.8240, -23.5772, -44.5726



83.0200, 2.9481, -12.2955



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.



110.5250, 13.5452, -51.3264



135.9990, 21.1995, -79.8061



85.2840, 25.9890, -29.1901



66.9070, 1.0318, -4.3034



90.2980, 21.0521, -79.1913



3.5050, 0.7370, -3.0739

Inverse Universe

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



87.1760, 23.5772, 44.5726



99.7720, 36.5944, 69.4830



104.7160, -25.9890, 29.1901



64.8910, 2.0257, 3.6036



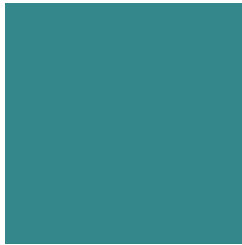
54.3590, 36.3050, 68.9682



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 110.5250, 13.5452, -51.3264 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 110.5250, 13.5452, -51.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

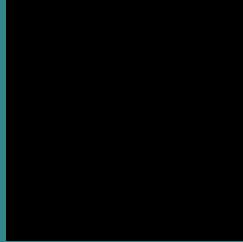
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

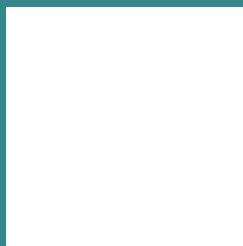
Any Text WCAG AAA × Fail

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

YUV 110.5250, 13.5452, -51.3264 Background



This preview shows how black text looks on a background with the YUV color 110.5250, 13.5452, -51.3264.



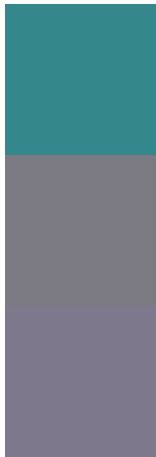
This preview shows how white text looks on a background with the YUV color 110.5250, 13.5452, -51.3264.

-51.3264.

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

110.5250, 13.5452, -51.3264

Protanopia

123.2110, 3.3470, -0.1850

Deuteranopia

124.1880, 8.2883, 1.5891



Tritanopia

111.6330, 16.4499, -49.6671

Trichromacy



Original Color

110.5250, 13.5452, -51.3264

Protanomaly

118.7140, 7.0430, -19.0432

Deuteranomaly

118.9360, 10.3846, -17.4839

Tritanomaly

110.9920, 15.2869, -49.9820

Monochromacy



Original Color

110.5250, 13.5452, -51.3264

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.1440, 4.8590, -18.5433

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.5250, 13.5452, -51.3264 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(52, 135, 138)` looks like.

```
.text, #text, p{  
    color:rgb(52, 135, 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(52, 135, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 135, 138) }
```

Border

The CSS property to change the border of an element to YUV 110.5250, 13.5452, -51.3264 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(52, 135, 138) }
```


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

```
.border{ border-color:rgb(52, 135, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 135, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 135, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 135, 138);  
box-shadow:4px 4px 4px 4px rgb(52, 135,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 110.5250, 13.5452, -51.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 135, 138) }
```

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

```
.background{ background-color: rgb(52, 135,  
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](#).

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