

Converting Colors

YUV(120.2410, 17.6292,
-54.5854)

Have a look what the booklet for
YUV(120.2410, 17.6292, -54.5854)
contains.

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Color

**YUV(120.2410, 17.6292,
-54.5854)**

Conversions

Conversions Part 1

Format	Color
Hex	3A919C
RGB	58, 145, 156
RGB Percent	23%, 57%, 61%
CMY	0.7725, 0.4314, 0.3882
CMYK	0.63, 0.07, 0.00, 0.39
HSL	187°, 46%, 42%
HSV	187°, 63%, 61%
XYZ	17.8711, 23.5506, 35.0563
YIQ	120.2410, -55.3830, -15.0230

Conversions

Conversions Part 2

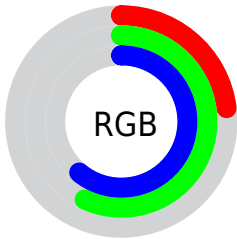
Format	Color
R_{YB}	58, 104, 156
Decimal	3838364
CIE _{Lab}	55.64, -22.33, -13.57
CIE _{LCh}	56, 26.127, 211.288
Yxy	23.5506, 0.2337, 0.3079
Android (android.graphics.Color)	4282028444 (0xFF3A919C)
YUV	120.2410, 17.6292, -54.5854
Hunter-Lab	48.5290, -19.1921, -8.8595

Details

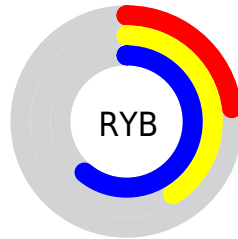
The YUV color **120.2410, 17.6292, -54.5854** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **93.7590, -17.6292, 54.5854**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.4370, 17.0396, -52.1262**, and **67.1480, 18.6610, -58.8888** is the 20% darker color. If you saturate the color by 10%, you get **114.2830, 20.5665, -63.3922**, and if you desaturate by 10%, it is **126.1990, 14.6919, -45.7785**.

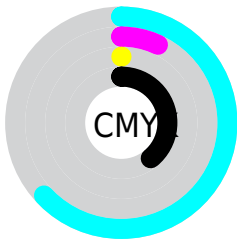
Distribution



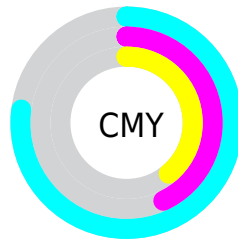
- Red (23%)
- Green (57%)
- Blue (61%)



- Red (23%)
- Yellow (41%)
- Blue (61%)



- Cyan (63%)
- Magenta (7%)
- Yellow (0%)
- Black (39%)



- Cyan (77%)
- Magenta (43%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.2410, 17.6292, -54.5854 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 120.2410, 17.6292, -54.5854 by changing the saturation by 10% instead.

120.2410, 17.6292,
-54.5854

120.2410, 17.6292,
-54.5854

255.0000, 0.0000,
0.0000

90.9520, 19.2507,
-61.3479

175.4370, 17.0396,
-52.1262

67.1480, 18.6610,
-58.8888

203.5510, 17.4764,
-52.2262

50.3240, 15.1233,
-44.1341

230.4820, 12.0874,
-50.4117

34.2010, 11.7329,
-29.9943

239.1530, 7.8126,
-32.5832

21.1270, 7.3324,
-18.5284

247.8240, 3.5378,
-14.7546

2.1830, 5.8258,
-1.9145

0.0000, 0.0000,

0.0000

■ 120.2410, 17.6292,
-54.5854

■ 120.2410, 17.6292,
-54.5854

■ 114.2830, 20.5665,
-63.3922

■ 126.1990, 14.6919,
-45.7785

■ 108.6240, 23.3564,
-71.5842

■ 131.8580, 11.9020,
-37.5865

■ 103.2530, 26.0043,
-80.9059

■ 137.2290, 9.2541,
-28.2648

■ 98.7900, 28.2045,
-86.6388

■ 142.8880, 6.4642,
-20.0728

■ 148.8460, 3.5269,
-11.2659

■ 154.8040, 0.5896,
-2.4591

■ 159.8760, -1.9109,
6.2477

■ 165.8340, -4.8482,
15.0546

■ 171.4930, -7.6380,
23.2466

Harmonies

Analogous

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



122.3920, 5.2297, -44.1938



120.2410, 17.6292, -54.5854



123.9030, 23.7118, -45.5189

Triad

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



120.2410, 17.6292, -54.5854



136.8470, 8.9494, 22.9362



131.7680, -21.5776, 14.2355

Complementary

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



120.2410, 17.6292, -54.5854



93.7590, -17.6292, 54.5854

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.



133.4370, -19.4424, 29.4348



120.2410, 17.6292, -54.5854



136.1770, -1.5663, 35.8018

Square

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



120.2410, 17.6292, -54.5854



135.4190, 18.0344, 2.2635



134.8430, -11.7546, 36.9717



129.3850, -17.4448, -4.7226

Rectangle

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



120.2410, 17.6292, -54.5854



128.5180, 24.3946, -31.1493



134.8430, -11.7546, 36.9717



132.8010, -21.5939, 19.4685

Sweetspot

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



120.2410, 17.6292, -54.5854



189.9910, 6.9064, -21.9171



116.6660, -23.9923, -51.4501



93.3620, 4.2585, -12.5955



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



120.2410, 17.6292, -54.5854



148.2740, 27.4729, -85.3093



92.0650, 31.5200, -29.8750



76.0210, 1.4686, -4.4034



90.8510, 25.7095, -79.6763



9.9280, 2.5005, -8.7069

Inverse Universe

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



97.2200, 23.5555, 51.5501



112.2510, 36.8513, 80.4639



121.9350, -31.5200, 29.8750



74.1900, 1.8783, 4.2184



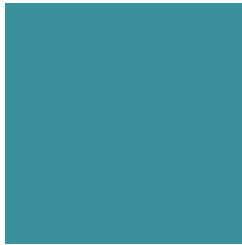
57.2350, 34.3941, 75.2159



6.0810, 3.9041, 7.8220

Previews

White Background



This preview shows how the YUV color 120.2410, 17.6292, -54.5854 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 120.2410, 17.6292, -54.5854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

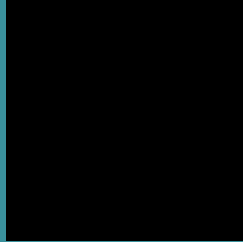
Any Text WCAG AA ✓ Pass

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 120.2410, 17.6292, -54.5854 Background



This preview shows how black text looks on a background with the YUV color 120.2410, 17.6292, -54.5854.



This preview shows how white text looks on a background with the YUV color 120.2410, 17.6292, -54.5854.

-54.5854.

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

120.2410, 17.6292, -54.5854

Protanopia

133.1120, 6.8468, -2.7292

Deuteranopia

133.9040, 12.3723, -1.6698



Tritanopia

120.3550, 18.0660, -54.6853

Trichromacy



Original Color

120.2410, 17.6292, -54.5854

Protanomaly

128.6150, 10.5428, -21.5874

Deuteranomaly

128.6520, 14.4686, -20.7428

Tritanomaly

120.3550, 18.0660, -54.6853

Monochromacy



Original Color

120.2410, 17.6292, -54.5854

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.8880, 6.4642, -20.0728

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.2410, 17.6292, -54.5854 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(58, 145, 156)` looks like.

```
.text, #text, p{  
    color:rgb(58, 145, 156)  
}
```

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(58, 145, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 145, 156) }
```

Border

The CSS property to change the border of an element to YUV 120.2410, 17.6292, -54.5854 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(58, 145, 156) }
```


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

```
.border{ border-color:rgb(58, 145, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 145, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 145, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 145, 156);  
box-shadow:4px 4px 4px 4px rgb(58, 145,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 120.2410, 17.6292, -54.5854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 145, 156) }
```

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

```
.background{ background-color: rgb(58, 145,  
156) }
```

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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