

Converting Colors

YUV(118.4390, 20.4896,
-85.4540)

Have a look what the booklet for
YUV(118.4390, 20.4896, -85.4540)
contains.

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Color

**YUV(118.4390, 20.4896,
-85.4540)**

Conversions

Conversions Part 1

Format	Color
Hex	15A0A0
RGB	21, 160, 160
RGB Percent	8%, 63%, 63%
CMY	0.9176, 0.3725, 0.3725
CMYK	0.87, 0.00, 0.00, 0.37
HSL	180°, 77%, 35%
HSV	180°, 87%, 63%
XYZ	19.2252, 27.8391, 37.6179
YIQ	118.4390, -82.8440, -29.4680

Conversions

Conversions Part 2

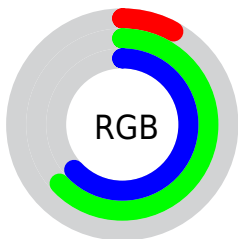
Format	Color
R_{YB}	21, 91, 160
Decimal	1417376
CIE Lab	59.74, -32.97, -9.75
CIE LCh	60, 34.385, 196.466
Yxy	27.8391, 0.2270, 0.3287
Android (android.graphics.Color)	4279607456 (0xFF15A0A0)
YUV	118.4390, 20.4896, -85.4540
Hunter-Lab	52.7628, -27.2946, -5.3376

Details

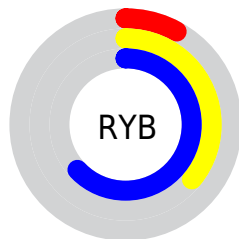
The YUV color **118.4390, 20.4896, -85.4540** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **62.5610, -20.4896, 85.4540**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.0170, 17.2466, -71.9289**, and **75.8220, 16.3568, -66.4959** is the 20% darker color. If you saturate the color by 10%, you get **113.6550, 22.8481, -95.2904**, and if you desaturate by 10%, it is **123.2230, 18.1311, -75.6176**.

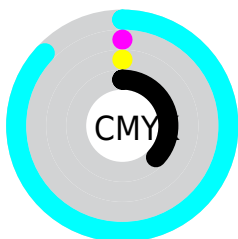
Distribution



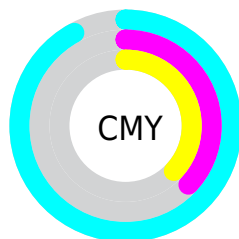
- Red (8%)
- Green (63%)
- Blue (63%)



- Red (8%)
- Yellow (36%)
- Blue (63%)



- Cyan (87%)
- Magenta (0%)
- Yellow (0%)
- Black (37%)



- Cyan (92%)
- Magenta (37%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.4390, 20.4896, -85.4540 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 118.4390, 20.4896, -85.4540 by changing the saturation by 10% instead.

■ 118.4390, 20.4896,
-85.4540

■ 118.4390, 20.4896,
-85.4540

■ 255.0000, 0.0000,
0.0000

■ 93.3470, 20.0419,
-81.8653

■ 180.0170, 17.2466,
-71.9289

■ 75.8220, 16.3568,
-66.4959

■ 209.2020, 16.6624,
-71.2142

■ 58.2970, 12.6716,
-51.1265

■ 225.9970, 14.2985,
-59.6334

■ 41.5870, 9.5706,
-36.4718

■ 234.9670, 9.8763,
-41.1901

■ 26.7520, 6.0383,
-23.4615

■ 243.9370, 5.4541,
-22.7467

■ 2.8670, 8.4466,
-2.5144

■ 252.9070, 1.0318,

■ 0.0000, 0.0000,

-4.3034

0.0000

■ 118.4390, 20.4896,
-85.4540

■ 118.4390, 20.4896,
-85.4540

■ 113.6550, 22.8481,
-95.2904

■ 123.2230, 18.1311,
-75.6176

■ 112.1600, 23.5851,
-98.3643

■ 128.0070, 15.7725,
-65.7811

■ 132.7910, 13.4140,
-55.9447

■ 137.5750, 11.0555,
-46.1083

■ 142.3590, 8.6970,
-36.2718

■ 147.1430, 6.3385,
-26.4354

■ 151.9270, 3.9800,
-16.5990

■ 156.7110, 1.6215,
-6.7625

■ 161.4950, -0.7370,
3.0739

Harmonies

Analogous

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



129.8660, -0.4269, -49.8715



118.4390, 20.4896, -85.4540



114.3740, 35.8046, -97.6750

Triad

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



118.4390, 20.4896, -85.4540



147.7460, 18.8592, 17.7628



142.7330, -28.4624, 29.1752

Complementary

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



118.4390, 20.4896, -85.4540



62.5610, -20.4896, 85.4540

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.



144.6670, -21.5278, 45.0190



118.4390, 20.4896, -85.4540



147.7460, 5.5482, 40.5648

Square

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



118.4390, 20.4896, -85.4540



143.7680, 28.7084, -14.7055



146.3160, -9.0298, 49.7119



139.9320, -27.0815, 6.1986

Rectangle

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



118.4390, 20.4896, -85.4540



129.2300, 34.3966, -65.9767



146.3160, -9.0298, 49.7119



143.5210, -26.8789, 34.6231

Sweetspot

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



118.4390, 20.4896, -85.4540



192.8540, 7.9600, -33.1980



102.5930, -40.2253, -71.5571



95.1330, 4.8644, -20.2876



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



118.4390, 20.4896, -85.4540



146.5090, 30.8081, -128.4884



77.9360, 40.4576, -49.9329



76.6080, 1.1793, -4.9182



100.2430, 21.0792, -87.9131



10.5150, 2.2111, -9.2217

Inverse Universe

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



78.4070, 40.2253, 71.5571



86.3170, 60.4827, 107.5930



103.6510, -40.7469, 49.4181



74.3040, 2.3151, 4.1184



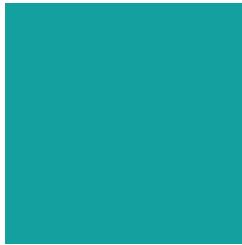
59.0590, 41.3829, 73.6163



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 118.4390, 20.4896, -85.4540 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 118.4390, 20.4896, -85.4540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

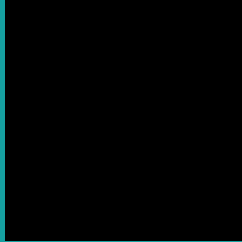
Any Text WCAG AA ✓ Pass

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 118.4390, 20.4896, -85.4540 Background



This preview shows how black text looks on a background with the YUV color 118.4390, 20.4896, -85.4540.

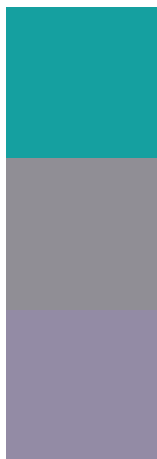


This preview shows how white text looks on a background with the YUV color 118.4390, 20.4896, -85.4540.

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

118.4390, 20.4896, -85.4540

Protanopia

143.3960, 2.7628, 0.5297

Deuteranopia

144.3560, 10.1775, 2.3188



Tritanopia

122.7050, 23.8094, -76.9173

Trichromacy



Original Color

118.4390, 20.4896, -85.4540

Protanomaly

134.5060, 9.1175, -31.1388

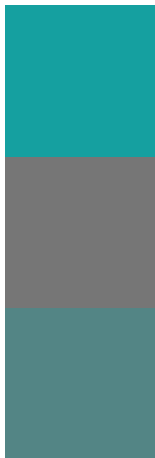
Deuteranomaly

135.0700, 13.7695, -29.8794

Tritanomaly

121.3410, 22.5099, -80.1061

Monochromacy



Original Color

118.4390, 20.4896, -85.4540

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.0500, 7.3703, -30.7389

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.4390, 20.4896, -85.4540 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(21, 160, 160)` looks like.

```
.text, #text, p{  
    color:rgb(21, 160, 160)  
}
```

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(21, 160, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 160, 160) }
```

Border

The CSS property to change the border of an element to YUV 118.4390, 20.4896, -85.4540 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(21, 160, 160) }
```


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

```
.border{ border-color:rgb(21, 160, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 160, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 160, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 160, 160);  
box-shadow:4px 4px 4px 4px rgb(21, 160,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 118.4390, 20.4896, -85.4540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 160, 160) }
```

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

```
.background{ background-color: rgb(21, 160,  
160) }
```

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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