

Converting Colors

YUV(89.2020, 20.1134,
-58.0592)

Have a look what the booklet for
YUV(89.2020, 20.1134, -58.0592)
contains.

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Color

**YUV(89.2020, 20.1134,
-58.0592)**

Conversions

Conversions Part 1

Format	Color
Hex	177382
RGB	23, 115, 130
RGB Percent	9%, 45%, 51%
CMY	0.9098, 0.5490, 0.4902
CMYK	0.82, 0.12, 0.00, 0.49
HSL	188°, 70%, 30%
HSV	188°, 82%, 51%
XYZ	10.5133, 14.0553, 23.2779
YIQ	89.2020, -59.6470, -14.8390

Conversions

Conversions Part 2

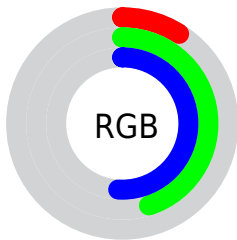
Format	Color
R_{YB}	23, 72, 130
Decimal	1536898
CIE _{Lab}	44.31, -19.95, -15.60
CIE _{LCh}	44, 25.328, 218.026
Yxy	14.0553, 0.2197, 0.2938
Android (android.graphics.Color)	4279726978 (0xFF177382)
YUV	89.2020, 20.1134, -58.0592
Hunter-Lab	37.4904, -15.5520, -10.5700

Details

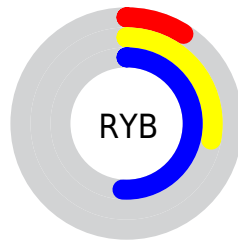
The YUV color **89.2020, 20.1134, -58.0592** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **63.7980, -20.1134, 58.0592**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.2030, 18.6339, -50.1670**, and **48.5630, 15.9914, -42.5898** is the 20% darker color. If you saturate the color by 10%, you get **84.1410, 22.6085, -65.0217**, and if you desaturate by 10%, it is **94.2630, 17.6183, -51.0967**.

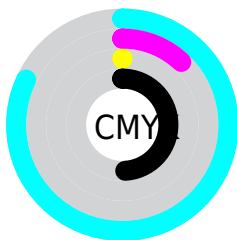
Distribution



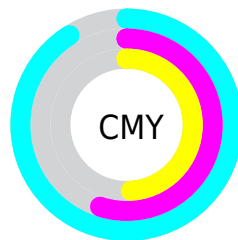
- Red (9%)
- Green (45%)
- Blue (51%)



- Red (9%)
- Yellow (28%)
- Blue (51%)



- Cyan (82%)
- Magenta (12%)
- Yellow (0%)
- Black (49%)



- Cyan (91%)
- Magenta (55%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.2020, 20.1134, -58.0592 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 89.2020, 20.1134, -58.0592 by changing the saturation by 10% instead.

89.2020, 20.1134,
-58.0592

89.2020, 20.1134,
-58.0592

255.0000, 0.0000,
0.0000

64.8000, 19.8186,
-56.8296

145.2030, 18.6339,
-50.1670

48.5630, 15.9914,
-42.5898

172.6160, 18.9233,
-49.6522

32.4400, 12.6011,
-28.4499

200.6160, 18.9233,
-49.6522

18.7790, 8.4900,
-16.4692

228.1340, 13.2449,
-48.3525

2.1830, 5.8258,
-1.9145

238.8540, 7.9600,
-33.1980

0.0000, 0.0000,
0.0000

247.8240, 3.5378,

-14.7546

■ 89.2020, 20.1134,
-58.0592

■ 89.2020, 20.1134,
-58.0592

■ 84.1410, 22.6085,
-65.0217

■ 94.2630, 17.6183,
-51.0967

■ 80.5640, 24.3719,
-70.6546

■ 99.3240, 15.1233,
-44.1341

■ 103.7980, 12.9176,
-36.6568

■ 108.8590, 10.4225,
-29.6943

■ 113.9200, 7.9274,
-22.7318

■ 118.9810, 5.4324,
-15.7693

■ 124.0420, 2.9373,
-8.8068

■ 129.1030, 0.4422,
-1.8443

■ 133.5770, -1.7635,
5.6330

Harmonies

Analogous

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



91.6950, 9.0244, -47.9675



89.2020, 20.1134, -58.0592



96.1100, 23.1168, -41.3155

Triad

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



89.2020, 20.1134, -58.0592



107.8750, 6.4706, 24.6656



102.6040, -19.5248, 9.1173

Complementary

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



89.2020, 20.1134, -58.0592



63.7980, -20.1134, 58.0592

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.



104.5180, -18.9894, 24.1017



89.2020, 20.1134, -58.0592



107.2970, -3.5974, 33.9425

Square

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



89.2020, 20.1134, -58.0592



107.0560, 15.2554, 6.9669



106.1800, -12.9067, 33.1681



100.1610, -14.3764, -8.9112

Rectangle

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



89.2020, 20.1134, -58.0592



101.3940, 22.4838, -24.9015



106.1800, -12.9067, 33.1681



103.4090, -20.4146, 14.5503

Sweetspot

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



89.2020, 20.1134, -58.0592



151.9200, 7.9274, -22.7318



87.4050, -24.8497, -56.4832



74.7640, 4.5533, -13.8250



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



89.2020, 20.1134, -58.0592



104.8650, 31.1256, -90.2126



58.0910, 35.4511, -30.7748



61.3200, 1.3212, -3.7886



79.1620, 24.0771, -69.4251



0.0000, 0.0000, 0.0000

Inverse Universe

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



65.4810, 24.4129, 56.5832



67.9360, 37.9926, 87.7561



94.9090, -35.4511, 30.7748



59.7770, 1.5889, 3.7036



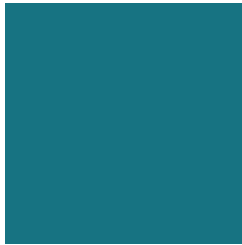
50.8120, 29.1797, 67.6939



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 89.2020, 20.1134, -58.0592 looks on a white 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

Black Background



This preview shows how the YUV color 89.2020, 20.1134, -58.0592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

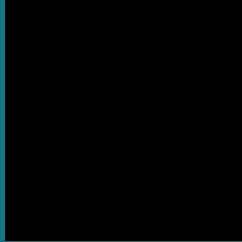
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.2020, 20.1134, -58.0592

Background



This preview shows how black text looks on a background with the YUV color 89.2020, 20.1134, -58.0592.

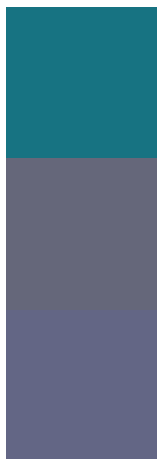


This preview shows how white text looks on a background with the YUV color 89.2020, 20.1134,

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

89.2020, 20.1134, -58.0592

Protanopia

104.5680, 8.5940, -3.1291

Deuteranopia

104.6370, 13.9830, -4.9436



Tritanopia

87.1260, 18.6719, -62.3775

Trichromacy



Original Color

89.2020, 20.1134, -58.0592

Protanomaly

98.8860, 12.8742, -22.7020

Deuteranomaly

99.0860, 16.2266, -24.6314

Tritanomaly

88.2510, 19.1033, -60.7331

Monochromacy



Original Color

89.2020, 20.1134, -58.0592

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8170, 7.4852, -20.8875

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.2020, 20.1134, -58.0592 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(23, 115, 130)` looks like.

```
.text, #text, p{  
    color:rgb(23, 115, 130)  
}
```

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(23, 115, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 115, 130) }
```

Border

The CSS property to change the border of an element to YUV 89.2020, 20.1134, -58.0592 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(23, 115, 130) }
```


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

```
.border{ border-color:rgb(23, 115, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 115, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 115, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 115, 130);  
box-shadow:4px 4px 4px 4px rgb(23, 115,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 89.2020, 20.1134, -58.0592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 115, 130) }
```

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

```
.background{ background-color: rgb(23, 115,  
130) }
```

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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