

Converting Colors

YUV(90.0550, 19.6929,
-63.1922)

Have a look what the booklet for
YUV(90.0550, 19.6929, -63.1922)
contains.

YUV(90.0550, 19.6929, -63.1922)	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(90.0550, 19.6929,
-63.1922)**

Conversions

Conversions Part 1

Format	Color
Hex	127782
RGB	18, 119, 130
RGB Percent	7%, 47%, 51%
CMY	0.9294, 0.5333, 0.4902
CMYK	0.86, 0.08, 0.00, 0.49
HSL	186°, 76%, 29%
HSV	186°, 86%, 51%
XYZ	10.8755, 14.9340, 23.4284
YIQ	90.0550, -63.7270, -17.9910

Conversions

Conversions Part 2

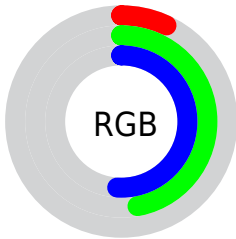
Format	Color
RYB	18, 71, 130
Decimal	1210242
CIELab	45.54, -22.53, -13.74
CIELCh	46, 26.391, 211.366
Yxy	14.9340, 0.2209, 0.3033
Android (android.graphics.Color)	4279400322 (0xFF127782)
YUV	90.0550, 19.6929, -63.1922
Hunter-Lab	38.6445, -17.3934, -8.8938

Details

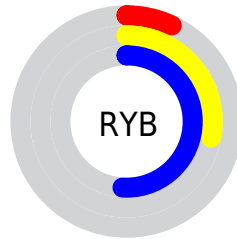
The YUV color **90.0550, 19.6929, -63.1922** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **57.9450, -19.6929, 63.1922**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.5400, 17.4818, -53.9706**, and **50.3240, 15.1233, -44.1341** is the 20% darker color. If you saturate the color by 10%, you get **85.5810, 21.8986, -70.6695**, and if you desaturate by 10%, it is **94.5290, 17.4872, -55.7149**.

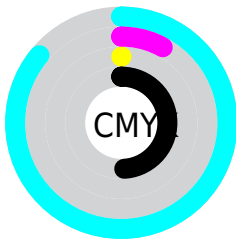
Distribution



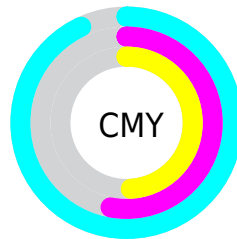
- Red (7%)
- Green (47%)
- Blue (51%)



- Red (7%)
- Yellow (28%)
- Blue (51%)



- Cyan (86%)
- Magenta (8%)
- Yellow (0%)
- Black (49%)



- Cyan (93%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.0550, 19.6929, -63.1922 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 90.0550, 19.6929, -63.1922 by changing the saturation by 10% instead.

90.0550, 19.6929,
-63.1922

90.0550, 19.6929,
-63.1922

255.0000, 0.0000,
0.0000

67.1480, 18.6610,
-58.8888

147.5400, 17.4818,
-53.9706

50.3240, 15.1233,
-44.1341

175.2520, 17.6238,
-52.8410

34.2010, 11.7329,
-29.9943

203.2520, 17.6238,
-52.8410

20.5400, 7.6218,
-18.0136

230.1830, 12.2348,
-51.0265

2.1830, 5.8258,
-1.9145

238.8540, 7.9600,
-33.1980

0.0000, 0.0000,
0.0000

247.5250, 3.6852,

-15.3694

■ 90.0550, 19.6929,
-63.1922

■ 90.0550, 19.6929,
-63.1922

■ 85.5810, 21.8986,
-70.6695

■ 94.5290, 17.4872,
-55.7149

■ 83.4990, 22.9250,
-73.2286

■ 99.5900, 14.9921,
-48.7524

■ 104.0640, 12.7864,
-41.2751

■ 108.5380, 10.5808,
-33.7978

■ 113.0120, 8.3751,
-26.3205

■ 118.0730, 5.8800,
-19.3580

■ 122.5470, 3.6743,
-11.8807

■ 127.0210, 1.4686,
-4.4034

■ 131.4950, -0.7370,
3.0739

Harmonies

Analogous

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



95.6090, 6.1088, -46.1381



90.0550, 19.6929, -63.1922



96.6960, 24.3069, -49.7224

Triad

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



90.0550, 19.6929, -63.1922



110.5480, 9.0968, 22.3214



106.1700, -21.2828, 13.0059

Complementary

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



90.0550, 19.6929, -63.1922



57.9450, -19.6929, 63.1922

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.



107.9530, -18.7108, 28.1052



90.0550, 19.6929, -63.1922



110.2800, -1.1240, 33.9574

Square

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



90.0550, 19.6929, -63.1922



109.8920, 17.3082, 1.8487



109.2450, -11.4598, 35.7421



103.4990, -17.0080, -4.8226

Rectangle

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



90.0550, 19.6929, -63.1922



102.3930, 23.9633, -32.7937



109.2450, -11.4598, 35.7421



106.6160, -21.0097, 18.7538

Sweetspot

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



90.0550, 19.6929, -63.1922



152.7950, 7.4961, -24.3762



84.7700, -28.4806, -58.5573



75.0520, 4.4114, -14.9546



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.



90.0550, 19.6929, -63.1922



108.3760, 29.3946, -95.0458



58.3570, 35.3200, -35.3931



61.3200, 1.3212, -3.7886



82.0970, 22.6302, -71.9991



0.0000, 0.0000, 0.0000

Inverse Universe

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



63.0020, 27.6070, 58.7572



67.5600, 41.6289, 88.0859



89.6430, -35.3200, 35.3931



59.7770, 1.5889, 3.7036



51.3820, 31.3637, 67.1940



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 90.0550, 19.6929, -63.1922 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 90.0550, 19.6929, -63.1922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

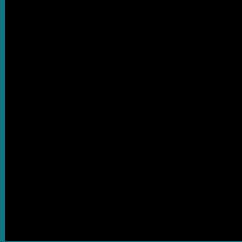
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.0550, 19.6929, -63.1922

Background



This preview shows how black text looks on a background with the YUV color 90.0550, 19.6929, -63.1922.

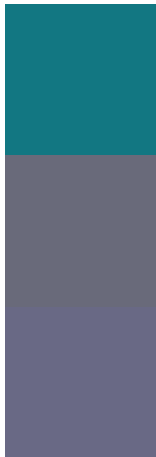


This preview shows how white text looks on a background with the YUV color 90.0550, 19.6929,

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

90.0550, 19.6929, -63.1922

Protanopia

107.5250, 7.1362, -2.2144

Deuteranopia

108.1920, 12.2303, -2.7994



Tritanopia

89.3430, 19.5509, -64.3218

Trichromacy



Original Color

90.0550, 19.6929, -63.1922

Protanomaly

101.2340, 11.7166, -24.7612

Deuteranomaly

101.4450, 15.0636, -24.9463

Tritanomaly

89.6420, 19.4035, -63.7070

Monochromacy



Original Color

90.0550, 19.6929, -63.1922

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.3930, 7.2013, -23.1467

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.0550, 19.6929, -63.1922 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(18, 119, 130)` looks like.

```
.text, #text, p{  
    color:rgb(18, 119, 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(18, 119, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 119, 130) }
```

Border

The CSS property to change the border of an element to YUV 90.0550, 19.6929, -63.1922 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(18, 119, 130) }
```


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

```
.border{ border-color:rgb(18, 119, 130) }
```

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

Here you see how a box with a 4 pixel rgb(18, 119, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 119, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 119, 130);  
box-shadow:4px 4px 4px 4px rgb(18, 119,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 90.0550, 19.6929, -63.1922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 119, 130) }
```

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

```
.background{ background-color: rgb(18, 119,  
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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