

Converting Colors

YUV(63.9020, 11.8803,
-30.6091)

Have a look what the booklet for
YUV(63.9020, 11.8803, -30.6091)
contains.

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Color

**YUV(63.9020, 11.8803,
-30.6091)**

Conversions

Conversions Part 1

Format	Color
Hex	1D4D58
RGB	29, 77, 88
RGB Percent	11%, 30%, 35%
CMY	0.8863, 0.6980, 0.6549
CMYK	0.67, 0.12, 0.00, 0.65
HSL	191°, 50%, 23%
HSV	191°, 67%, 35%
XYZ	4.9220, 6.2735, 10.1840
YIQ	63.9020, -32.1390, -6.7550

Conversions

Conversions Part 2

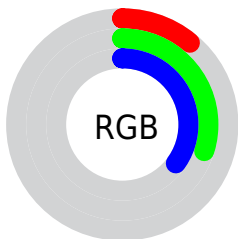
Format	Color
R_YB	29, 55, 88
Decimal	1920344
CIE Lab	30.09, -12.31, -11.32
CIE LCh	30, 16.718, 222.600
Yxy	6.2735, 0.2302, 0.2934
Android (android.graphics.Color)	4280110424 (0xFF1D4D58)
YUV	63.9020, 11.8803, -30.6091
Hunter-Lab	25.0470, -8.7551, -6.5741




Details

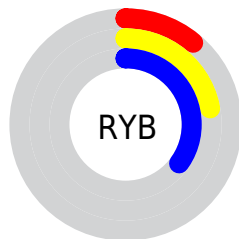
The YUV color **63.9020, 11.8803, -30.6091** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **53.0980, -11.8803, 30.6091**, and the grayscale version is **64.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **113.9130, 11.8749, -28.8647**, and **24.2730, 9.2324, -21.2874** is the 20% darker color. If you saturate the color by 10%, you get **60.0370, 13.7858, -35.1124**, and if you desaturate by 10%, it is **67.7670, 9.9749, -26.1057**.

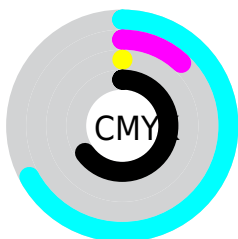
Distribution







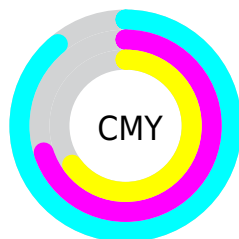
-  Red (11%)
-  Green (30%)
-  Blue (35%)






-  Red (11%)
-  Yellow (22%)
-  Blue (35%)



-  Cyan (67%)
-  Magenta (12%)
-  Yellow (0%)
-  Black (65%)



-  Cyan (89%)
-  Magenta (70%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.9020, 11.8803, -30.6091 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 63.9020, 11.8803, -30.6091 by changing the saturation by 10% instead.

■ 63.9020, 11.8803,
-30.6091

■ 63.9020, 11.8803,
-30.6091

■ 255.0000, 0.0000,
0.0000

■ 39.1080, 12.7648,
-34.2977

■ 113.9130, 11.8749,
-28.8647

■ 24.2730, 9.2324,
-21.2874

■ 139.6140, 12.0223,
-29.4795

■ 3.7960, 9.4676,
-3.3291

■ 166.6140, 12.0223,
-29.4795

■ 0.0000, 0.0000,
0.0000

■ 193.7280, 12.4591,
-29.5795

■ 222.1300, 12.7539,
-30.8090

■ 243.0400, 5.8963,

-24.5911

251.7110, 1.6215,
-6.7625

63.9020, 11.8803,
-30.6091

63.9020, 11.8803,
-30.6091

60.0370, 13.7858,
-35.1124

67.7670, 9.9749,
-26.1057

56.7590, 15.4018,
-40.1306

71.0450, 8.3588,
-21.0875

53.1930, 17.1599,
-44.0193

74.6110, 6.6008,
-17.1988

52.2960, 17.6021,
-45.8636

78.4760, 4.6953,
-12.6955

81.7540, 3.0793,
-7.6773

■ 85.6190, 1.1738,
-3.1739

■ 88.8970, -0.4422,
1.8443

■ 92.4630, -2.2003,
5.7329

■ 96.3280, -4.1057,
10.2363

Harmonies

Analogous

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



63.7190, 6.0545, -28.6946



63.9020, 11.8803, -30.6091



66.8260, 13.8898, -21.7724

Triad

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



63.9020, 11.8803, -30.6091



72.9080, 3.0034, 16.7437



69.5200, -12.0884, 3.9290

Complementary

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



63.9020, 11.8803, -30.6091



53.0980, -11.8803, 30.6091

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.



70.5860, -12.1209, 14.3951



63.9020, 11.8803, -30.6091



72.3340, -3.1227, 21.6321

Square

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



63.9020, 11.8803, -30.6091



72.9220, 8.4195, 6.2074



71.5420, -8.6482, 20.5727



67.7790, -8.2720, -6.8222

Rectangle

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



63.9020, 11.8803, -30.6091



69.7670, 13.4259, -12.9507



71.5420, -8.6482, 20.5727



69.8410, -12.2466, 8.0324

Sweetspot

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



63.9020, 11.8803, -30.6091



105.1880, 4.8373, -11.5659



64.8870, -12.2693, -31.4729



53.0530, 2.9319, -7.0625



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



63.9020, 11.8803, -30.6091



77.5130, 18.4811, -47.8079



46.8790, 20.2727, -15.6799



41.8040, 0.5896, -2.4591



63.2670, 21.5604, -55.4852



138.9070, 47.3738, -121.8214

Inverse Universe

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



52.1130, 12.2693, 31.4729



59.0580, 19.1984, 49.0611



70.1210, -20.2727, 15.6799



40.6520, 1.1576, 2.0592



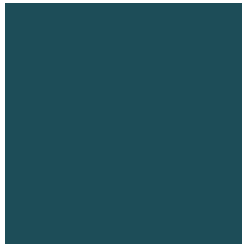
41.9110, 22.2289, 57.0831



92.0390, 48.7878, 125.3768

Previews

White Background



This preview shows how the YUV color 63.9020, 11.8803, -30.6091 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 ✓ Pass

Black Background



This preview shows how the YUV color 63.9020, 11.8803, -30.6091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

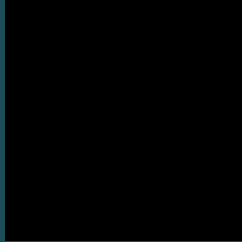
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

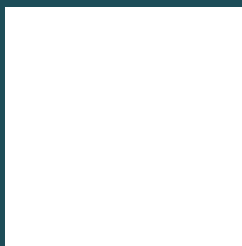
Any Text WCAG AAA × Fail

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

YUV 63.9020, 11.8803, -30.6091 Background



This preview shows how black text looks on a background with the YUV color 63.9020, 11.8803, -30.6091.



This preview shows how white text looks on a background with the YUV color 63.9020, 11.8803,

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

63.9020, 11.8803, -30.6091

Protanopia

70.8840, 5.9732, -2.5293

Deuteranopia

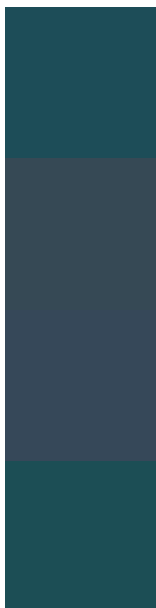
71.0950, 9.3202, -2.7143



Tritanopia

63.4350, 10.1385, -31.9535

Trichromacy



Original Color

63.9020, 11.8803, -30.6091

Protanomaly

68.6870, 8.0423, -12.8805

Deuteranomaly

68.5560, 10.0789, -12.7656

Tritanomaly

63.8480, 10.4279, -31.4387

Monochromacy



Original Color

63.9020, 11.8803, -30.6091

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.0740, 4.4005, -11.4659

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.9020, 11.8803, -30.6091 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(29, 77, 88)` looks like.

```
.text, #text, p{  
    color:rgb(29, 77, 88)  
}
```

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(29, 77, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 77, 88) }
```

Border

The CSS property to change the border of an element to YUV 63.9020, 11.8803, -30.6091 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(29, 77, 88) }
```


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

```
.border{ border-color:rgb(29, 77, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 77, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 77, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 77, 88);  
box-shadow:4px 4px 4px 4px rgb(29, 77, 88)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.9020, 11.8803, -30.6091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 77, 88) }
```

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

```
.background{ background-color: rgb(29, 77,  
88) }
```

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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