

Converting Colors

YUV(90.5930, 20.4137,
-61.0331)

Have a look what the booklet for
YUV(90.5930, 20.4137, -61.0331)
contains.

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Color

**YUV(90.5930, 20.4137,
-61.0331)**

Conversions

Conversions Part 1

Format	Color
Hex	157684
RGB	21, 118, 132
RGB Percent	8%, 46%, 52%
CMY	0.9176, 0.5373, 0.4824
CMYK	0.84, 0.11, 0.00, 0.48
HSL	188°, 73%, 30%
HSV	188°, 84%, 52%
XYZ	10.9526, 14.7822, 24.1058
YIQ	90.5930, -62.3060, -16.2100

Conversions

Conversions Part 2

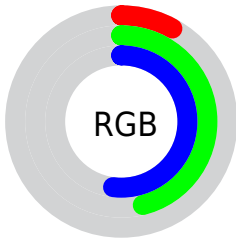
Format	Color
R_{YB}	21, 73, 132
Decimal	1406596
CIE _{Lab}	45.33, -21.06, -15.24
CIE _{LCh}	45, 25.998, 215.891
Yxy	14.7822, 0.2198, 0.2966
Android (android.graphics.Color)	4279596676 (0xFF157684)
YUV	90.5930, 20.4137, -61.0331
Hunter-Lab	38.4477, -16.4343, -10.2601

Details

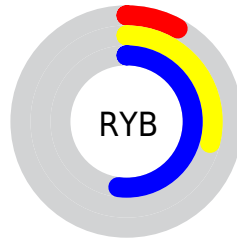
The YUV color **90.5930, 20.4137, -61.0331** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **62.4070, -20.4137, 61.0331**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.1920, 18.6393, -51.9114**, and **49.9650, 16.2863, -43.8193** is the 20% darker color. If you saturate the color by 10%, you get **85.5320, 22.9087, -67.9956**, and if you desaturate by 10%, it is **95.6540, 17.9186, -54.0706**.

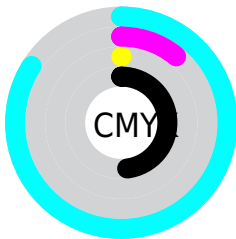
Distribution



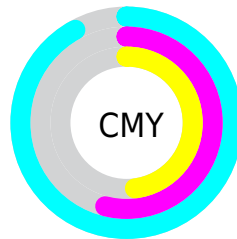
- Red (8%)
- Green (46%)
- Blue (52%)



- Red (8%)
- Yellow (29%)
- Blue (52%)



- Cyan (84%)
- Magenta (11%)
- Yellow (0%)
- Black (48%)



- Cyan (92%)
- Magenta (54%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.5930, 20.4137, -61.0331 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 90.5930, 20.4137, -61.0331 by changing the saturation by 10% instead.

90.5930, 20.4137,
-61.0331

90.5930, 20.4137,
-61.0331

255.0000, 0.0000,
0.0000

66.7890, 19.8240,
-58.5740

147.1920, 18.6393,
-51.9114

49.9650, 16.2863,
-43.8193

175.1920, 18.6393,
-51.9114

34.3150, 12.1697,
-30.0943

203.1920, 18.6393,
-51.9114

20.7680, 8.4954,
-18.2135

230.4820, 12.0874,
-50.4117

2.4110, 6.6994,
-2.1144

239.1530, 7.8126,
-32.5832

0.0000, 0.0000,
0.0000

247.8240, 3.5378,

-14.7546

■ 90.5930, 20.4137,
-61.0331

■ 90.5930, 20.4137,
-61.0331

■ 85.5320, 22.9087,
-67.9956

■ 95.6540, 17.9186,
-54.0706

■ 82.5530, 24.3774,
-72.3990

■ 100.1280, 15.7129,
-46.5933

■ 105.4880, 13.0704,
-39.0160

■ 110.5490, 10.5753,
-32.0535

■ 115.0230, 8.3697,
-24.5762

■ 120.0840, 5.8746,
-17.6137

■ 125.1450, 3.3795,
-10.6512

■ 129.9180, 1.0264,
-2.5591

■ 134.9790, -1.4686,
4.4034

Harmonies

Analogous

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



94.1680, 8.2982, -48.3823



90.5930, 20.4137, -61.0331



97.6150, 23.8538, -44.3894

Triad

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



90.5930, 20.4137, -61.0331



110.1030, 7.3442, 24.4657



105.3870, -20.4038, 11.0616

Complementary

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



90.5930, 20.4137, -61.0331



62.4070, -20.4137, 61.0331

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.



107.1160, -19.2842, 25.3313



90.5930, 20.4137, -61.0331



109.2370, -2.5818, 34.8722

Square

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



90.5930, 20.4137, -61.0331



109.5720, 15.9870, 5.6374



108.3050, -12.4754, 34.8125



103.1180, -15.8342, -7.9965

Rectangle

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



90.5930, 20.4137, -61.0331



102.8990, 23.2208, -27.9754



108.3050, -12.4754, 34.8125



106.0070, -20.7095, 15.7799

Sweetspot

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



90.5930, 20.4137, -61.0331



154.6210, 8.0748, -23.3466



87.6390, -26.4440, -58.4424



76.8780, 4.9901, -13.9250



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



90.5930, 20.4137, -61.0331



106.9570, 31.5732, -93.8013



58.8950, 36.0408, -33.2339



63.6190, 1.1738, -3.1739



81.7380, 23.7932, -71.6842



1.5160, 0.7316, -1.3295

Inverse Universe

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



65.2470, 26.0072, 58.5424



68.1150, 39.8763, 90.2301



94.1050, -36.0408, 33.2339



62.3640, 1.2995, 3.1888



51.8660, 30.6321, 68.5235



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 90.5930, 20.4137, -61.0331 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 90.5930, 20.4137, -61.0331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

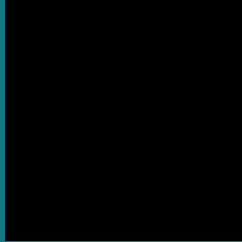
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.5930, 20.4137, -61.0331

Background



This preview shows how black text looks on a background with the YUV color 90.5930, 20.4137, -61.0331.

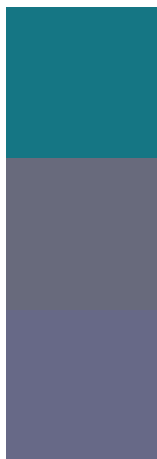


This preview shows how white text looks on a background with the YUV color 90.5930, 20.4137,

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

90.5930, 20.4137, -61.0331

Protanopia

107.4540, 8.1572, -3.0292

Deuteranopia

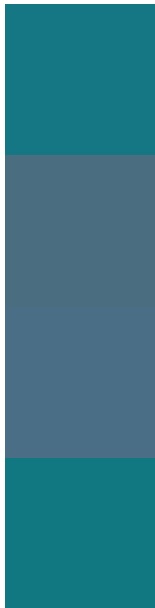
107.8220, 13.3988, -4.2289



Tritanopia

88.9300, 19.2615, -64.8366

Trichromacy



Original Color

90.5930, 20.4137, -61.0331

Protanomaly

101.1740, 12.7322, -23.8316

Deuteranomaly

101.6730, 15.9372, -25.1462

Tritanomaly

89.6420, 19.4035, -63.7070

Monochromacy



Original Color

90.5930, 20.4137, -61.0331

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.1050, 7.3432, -22.0171

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.5930, 20.4137, -61.0331 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, 118, 132)` looks like.

```
.text, #text, p{  
    color:rgb(21, 118, 132)  
}
```

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, 118, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 118, 132) }
```

Border

The CSS property to change the border of an element to YUV 90.5930, 20.4137, -61.0331 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, 118, 132) }
```


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

```
.border{ border-color:rgb(21, 118, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 118, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 118, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 118, 132);  
box-shadow:4px 4px 4px 4px rgb(21, 118,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 90.5930, 20.4137, -61.0331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 118, 132) }
```

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

```
.background{ background-color: rgb(21, 118,  
132) }
```

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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