

Converting Colors

YUV(96.8090, -20.1188,
59.8035)

Have a look what the booklet for
YUV(96.8090, -20.1188, 59.8035)
contains.

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Color

**YUV(96.8090, -20.1188,
59.8035)**

Conversions

Conversions Part 1

Format	Color
Hex	A54638
RGB	165, 70, 56
RGB Percent	65%, 27%, 22%
CMY	0.3529, 0.7255, 0.7804
CMYK	0.00, 0.58, 0.66, 0.35
HSL	8°, 49%, 43%
HSV	8°, 66%, 65%
XYZ	18.4210, 12.6652, 5.2151
YIQ	96.8090, 61.1140, 15.7860

Conversions

Conversions Part 2

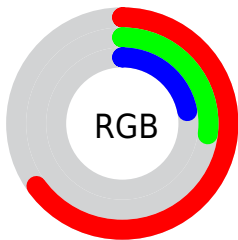
Format	Color
RYB	165, 72, 56
Decimal	10831416
CIELab	42.25, 38.26, 27.81
CIElCh	42, 47.294, 36.011
Yxy	12.6652, 0.5074, 0.3489
Android (android.graphics.Color)	4289021496 (0xFFA54638)
YUV	96.8090, -20.1188, 59.8035
Hunter-Lab	35.5882, 30.1152, 16.2233

Details

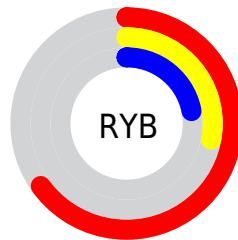
The YUV color **96.8090, -20.1188, 59.8035** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **124.1910, 20.1188, -59.8035**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.0440, -23.1927, 65.7364**, and **43.4540, -15.0138, 55.7298** is the 20% darker color. If you saturate the color by 10%, you get **86.6530, -23.4929, 68.7103**, and if you desaturate by 10%, it is **106.8510, -17.1815, 50.9967**.

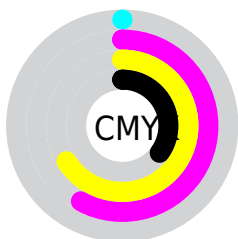
Distribution



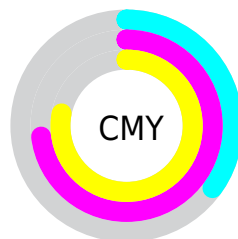
- Red (65%)
- Green (27%)
- Blue (22%)



- Red (65%)
- Yellow (28%)
- Blue (22%)



- Cyan (0%)
- Magenta (58%)
- Yellow (66%)
- Black (35%)





- Cyan (35%)
- Magenta (73%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.8090, -20.1188, 59.8035 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 96.8090, -20.1188, 59.8035 by changing the saturation by 10% instead.


 96.8090, -20.1188,
59.8035


 96.8090, -20.1188,
59.8035


255.0000, 0.0000,
0.0000


 70.9550, -18.2188,
57.0445


 150.0440,
-23.1927, 65.7364


 43.4540, -15.0138,
55.7298


 177.8270,
-24.0717, 67.6807


 23.6210, -11.6452,
48.5674

 196.6400,
-20.5285, 51.1817

 15.9610, -7.3758,
32.4832

 216.1540,
-16.8379, 34.0679

 3.8870, -1.9163,
7.9921

 236.2550,
-13.4367, 16.4394

 0.0000, 0.0000,
0.0000

 253.0620, -7.4256,

1.6996

■ 96.8090, -20.1188,
59.8035

■ 96.8090, -20.1188,
59.8035

■ 86.6530, -23.4929,
68.7103

■ 106.8510,
-17.1815, 50.9967

■ 76.0240, -26.1408,
78.0320

■ 117.5940,
-14.0968, 41.5751

■ 65.9820, -29.0781,
86.8388

■ 127.7500,
-10.7227, 32.6683

■ 61.6620, -30.3994,
90.6274

■ 138.3790, -8.0748,
23.3466

■ 148.5350, -4.7008,
14.4398

■ 158.5770, -1.7635,
5.6330

■ 169.2060, 0.8844,
-3.6887

■ 179.3620, 4.2585,
-12.5955

■ 189.4040, 7.1958,
-21.4023

Harmonies

Analogous

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



96.9400, -1.9424, 63.1966



96.8090, -20.1188, 59.8035



96.3880, -35.1943, 41.7557

Triad

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



96.8090, -20.1188, 59.8035



75.6160, -4.7407, -66.3152



81.3620, 47.6425, -67.8465

Complementary

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



96.8090, -20.1188, 59.8035



124.1910, 20.1188, -59.8035

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.



85.2380, 42.2807, -74.7537



96.8090, -20.1188, 59.8035



81.4640, 12.5892, -71.4439

Square

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



96.8090, -20.1188, 59.8035



89.3330, -28.7582, -16.0780



85.2090, 29.4770, -74.7283



102.2530, 29.9483, 7.6711

Rectangle

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



96.8090, -20.1188, 59.8035



94.4540, -42.1288, 25.9118



85.2090, 29.4770, -74.7283



82.5140, 47.0746, -72.3648

Sweetspot

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



96.8090, -20.1188, 59.8035



187.3790, -8.0748, 23.3466



99.5350, 25.8652, 57.4128



91.1220, -4.9901, 13.9250



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



96.8090, -20.1188, 59.8035



108.4450, -31.2784, 92.5717



127.9200, -35.4566, 32.5192



76.2780, -1.6161, 5.0182



54.5080, -26.8724, 79.3615



6.5560, -3.2321, 10.0364

Inverse Universe

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



124.1910, 20.1188, -59.8035



150.5550, 31.2784, -92.5717



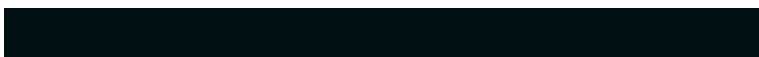
93.0800, 35.4566, -32.5192



78.7220, 1.6161, -5.0182



91.0790, 26.5831, -79.8763



11.4440, 3.2321, -10.0364

Previews

White Background



This preview shows how the YUV color 96.8090, -20.1188, 59.8035 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 96.8090, -20.1188, 59.8035 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 96.8090, -20.1188, 59.8035

Background



This preview shows how black text looks on a background with the YUV color 96.8090, -20.1188, 59.8035.



This preview shows how white text looks on a background with the YUV color 96.8090, -20.1188,

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

96.8090, -20.1188, 59.8035

Protanopia

98.9290, -15.7410, 8.8323

Deuteranopia

98.9430, -23.6359, 21.0980



Tritanopia

97.7580, -12.6987, 59.8482

Trichromacy



Original Color

96.8090, -20.1188, 59.8035

Protanomaly

97.9960, -17.2530, 27.1905

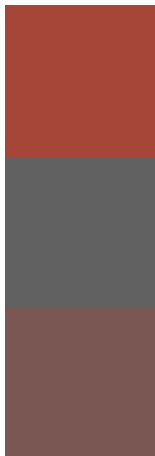
Deuteranomaly

98.3730, -22.3689, 34.7529

Tritanomaly

97.6610, -15.6089, 59.9333

Monochromacy



Original Color

96.8090, -20.1188, 59.8035

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.8950, -7.3432, 22.0171

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.8090, -20.1188, 59.8035 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(165, 70, 56)` looks like.

```
.text, #text, p{  
    color:rgb(165, 70, 56)  
}
```

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(165, 70, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 70, 56) }
```

Border

The CSS property to change the border of an element to YUV 96.8090, -20.1188, 59.8035 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(165, 70, 56) }
```


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

```
.border{ border-color:rgb(165, 70, 56) }
```

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

Here you see how a box with a 4 pixel rgb(165, 70, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 70, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 70, 56);  
box-shadow:4px 4px 4px 4px rgb(165, 70,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 96.8090, -20.1188, 59.8035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 70, 56) }
```

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

```
.background{ background-color: rgb(165, 70,  
56) }
```

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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