

Converting Colors

YUV(64.8120, -21.1063,
96.6349)

Have a look what the booklet for
YUV(64.8120, -21.1063, 96.6349)
contains.

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Color

**YUV(64.8120, -21.1063,
96.6349)**

Conversions

Conversions Part 1

Format	Color
Hex	AF1116
RGB	175, 17, 22
RGB Percent	69%, 7%, 9%
CMY	0.3137, 0.9333, 0.9137
CMYK	0.00, 0.90, 0.87, 0.31
HSL	358°, 82%, 38%
HSV	358°, 90%, 69%
XYZ	18.0245, 9.5728, 1.6568
YIQ	64.8120, 92.5630, 35.0510

Conversions

Conversions Part 2

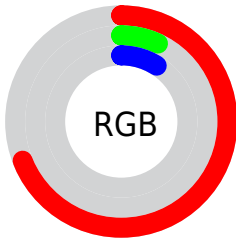
Format	Color
R_{YB}	175, 17, 22
Decimal	11473174
CIE Lab	37.06, 58.54, 41.93
CIE LCh	37, 72.004, 35.615
Yxy	9.5728, 0.6161, 0.3272
Android (android.graphics.Color)	4289663254 (0xFFAF1116)
YUV	64.8120, -21.1063, 96.6349
Hunter-Lab	30.9399, 49.8427, 18.4830

Details

The YUV color **64.8120, -21.1063, 96.6349** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **127.1880, 21.1063, -96.6349**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.4070, -30.2737, 96.9901**, and **33.7870, -16.6570, 69.4698** is the 20% darker color. If you saturate the color by 10%, you get **53.0090, -23.1754, 106.9861**, and if you desaturate by 10%, it is **76.7290, -18.6004, 86.1837**.

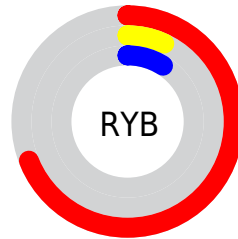
Distribution



Red (69%)

Green (7%)

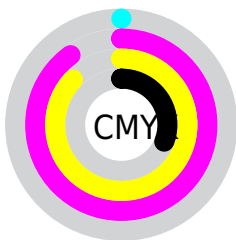
Blue (9%)



Red (69%)

Yellow (7%)

Blue (9%)

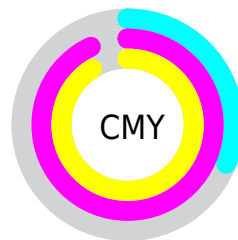


Cyan (0%)

Magenta (90%)

Yellow (87%)

Black (31%)



Cyan (31%)


Magenta (93%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YUV color 64.8120, -21.1063, 96.6349 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 64.8120, -21.1063, 96.6349 by changing the saturation by 10% instead.


 64.8120, -21.1063,
96.6349


 64.8120, -21.1063,
96.6349


254.7720, -0.8736,
0.2000


 43.0560, -21.2266,
88.5279


 128.4070,
-30.2737, 96.9901

 33.7870, -16.6570,
69.4698


 152.3630,
-30.2520, 90.0126


 24.5180, -12.0874,
50.4117

 171.6490,
-27.4350, 73.0988

 16.3740, -7.0864,
32.9980

 191.0490,
-24.1812, 56.0850


 2.0930, -1.0318,
4.3034


 211.1500,
-20.7799, 38.4565


 0.0000, 0.0000,
0.0000


 231.2510,


-17.3787, 20.8279


 251.4660,
-13.5407, 3.0993


 64.8120, -21.1063,
96.6349


 64.8120, -21.1063,
96.6349


 53.0090, -23.1754,
106.9861

 76.7290, -18.6004,
86.1837

 89.2330, -16.3839,
75.2177

 101.7370,
-14.1673, 64.2517

 113.6540,
-11.6614, 53.8004

 126.1580, -9.4449,
42.8344

■ 138.0750, -6.9390,
32.3832

■ 149.9920, -4.4331,
21.9320

■ 162.4960, -2.2165,
10.9660

■ 175.0000, 0.0000,
0.0000

Harmonies

Analogous

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



64.0220, 7.3842, 105.2207



64.8120, -21.1063, 96.6349



81.2110, -40.0370, 55.0660

Triad

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



64.8120, -21.1063, 96.6349



67.2720, -16.4031, -58.9975



77.3740, 62.9196, -67.8570

Complementary

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



64.8120, -21.1063, 96.6349



127.1880, 21.1063, -96.6349

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.



84.3380, 54.0634, -73.9644



64.8120, -21.1063, 96.6349



75.6280, 10.5364, -66.3258

Square

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



64.8120, -21.1063, 96.6349



68.2460, -33.6453, -35.2957



82.1260, 35.4339, -72.0245



87.1230, 47.2674, 6.0311

Rectangle

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



64.8120, -21.1063, 96.6349



82.2200, -40.5345, 27.8711



82.1260, 35.4339, -72.0245



80.8960, 61.1833, -70.9458

Sweetspot

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



64.8120, -21.1063, 96.6349



184.4670, -8.1182, 37.3014



80.7590, 46.4608, 78.2644



89.1770, -5.0173, 22.6468



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



64.8120, -21.1063, 96.6349



68.6710, -30.4038, 138.8545



107.6800, -44.7052, 59.0396



80.6910, -1.3267, 5.5330



45.4200, -19.9271, 91.7167



6.9910, -2.9536, 14.0399

Inverse Universe

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



64.8120, -21.1063, 96.6349



68.6710, -30.4038, 138.8545



84.3200, 44.7052, -59.0396



80.6910, -1.3267, 5.5330



45.4200, -19.9271, 91.7167



6.9910, -2.9536, 14.0399

Previews

White Background



This preview shows how the YUV color 64.8120, -21.1063, 96.6349 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



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 64.8120, -21.1063, 96.6349

Background



This preview shows how black text looks on a background with the YUV color 64.8120, -21.1063, 96.6349.



This preview shows how white text looks on a background with the YUV color 64.8120, -21.1063,

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

64.8120, -21.1063, 96.6349

Protanopia

86.0620, -24.1876, 11.3466

Deuteranopia

83.6820, -41.2552, 25.7119



Tritanopia

64.2590, -25.7637, 97.1199

Trichromacy



Original Color

64.8120, -21.1063, 96.6349

Protanomaly

78.6020, -22.9748, 42.4450

Deuteranomaly

76.7960, -33.9164, 51.9219

Tritanomaly

64.7150, -24.0165, 96.7199

Monochromacy



Original Color

64.8120, -21.1063, 96.6349

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.1570, -7.9654, 34.9423

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.8120, -21.1063, 96.6349 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(175, 17, 22)` looks like.

```
.text, #text, p{  
    color:rgb(175, 17, 22)  
}
```

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(175, 17, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 17, 22) }
```

Border

The CSS property to change the border of an element to YUV 64.8120, -21.1063, 96.6349 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(175, 17, 22) }
```


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

```
.border{ border-color:rgb(175, 17, 22) }
```

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

Here you see how a box with a 4 pixel rgb(175, 17, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 17, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 17, 22);  
box-shadow:4px 4px 4px 4px rgb(175, 17,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 64.8120, -21.1063, 96.6349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 17, 22) }
```

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

```
.background{ background-color: rgb(175, 17,  
22) }
```

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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