

Converting Colors

YUV(64.6350, -29.4001,
96.7901)

Have a look what the booklet for
YUV(64.6350, -29.4001, 96.7901)
contains.

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Color

**YUV(64.6350, -29.4001,
96.7901)**

Conversions

Conversions Part 1

Format	Color
Hex	AF1405
RGB	175, 20, 5
RGB Percent	69%, 8%, 2%
CMY	0.3137, 0.9216, 0.9804
CMYK	0.00, 0.89, 0.97, 0.31
HSL	5°, 94%, 35%
HSV	5°, 97%, 69%
XYZ	17.9567, 9.6252, 1.0550
YIQ	64.6350, 97.1950, 28.1950

Conversions

Conversions Part 2

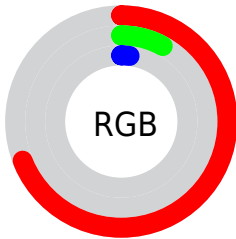
Format	Color
R_{YB}	175, 21, 5
Decimal	11473925
CIE _{Lab}	37.16, 57.76, 49.02
CIE _{LCh}	37, 75.756, 40.321
Yxy	9.6252, 0.6270, 0.3361
Android (android.graphics.Color)	4289664005 (0xFFAF1405)
YUV	64.6350, -29.4001, 96.7901
Hunter-Lab	31.0246, 49.0213, 19.7010

Details

The YUV color **64.6350, -29.4001, 96.7901** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **115.3650, 29.4001, -96.7901**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.5120, -36.2414, 97.7750**, and **33.4880, -16.5096, 68.8550** is the 20% darker color. If you saturate the color by 10%, you get **61.1300, -30.1371, 99.8640**, and if you desaturate by 10%, it is **75.9650, -26.6047, 86.8537**.

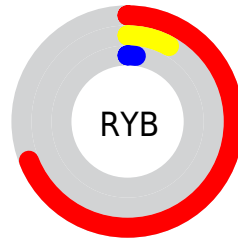
Distribution



Red (69%)

Green (8%)

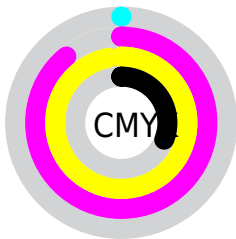
Blue (2%)



Red (69%)

Yellow (8%)

Blue (2%)

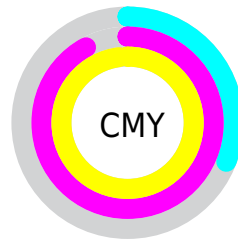


Cyan (0%)

Magenta (89%)

Yellow (97%)

Black (31%)



Cyan (31%)


Magenta (92%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 64.6350, -29.4001, 96.7901 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 64.6350, -29.4001, 96.7901 by changing the saturation by 10% instead.


 64.6350, -29.4001,
96.7901


 64.6350, -29.4001,
96.7901


 253.1760, -6.9888,
1.5996


 43.0560, -21.2266,
88.5279


 127.5120,
-36.2414, 97.7750

 33.4880, -16.5096,
68.8550


 151.4680,
-36.2197, 90.7976


 24.5180, -12.0874,
50.4117

 170.7540,
-33.4027, 73.8837

 16.3740, -7.0864,
32.9980

 190.1540,
-30.1489, 56.8699

 1.7940, -0.8844,
3.6887

 210.1410,
-27.1845, 39.3413

 0.0000, 0.0000,
0.0000

 230.2420,

-23.7833, 21.7128

■ 249.8700,
-19.6559, 4.4990

■ 64.6350, -29.4001,
96.7901

■ 64.6350, -29.4001,
96.7901

■ 61.1300, -30.1371,
99.8640

■ 75.9650, -26.6047,
86.8537

■ 87.4090, -23.3726,
76.8173

■ 98.8530, -20.1405,
66.7809

■ 110.1830,
-17.3452, 56.8445

■ 121.6270,
-14.1131, 46.8081

■ 132.9570,
-11.3178, 36.8717

■ 144.4010, -8.0857,
26.8353

■ 155.7310, -5.2904,
16.8989

■ 167.1750, -2.0583,
6.8625

Harmonies

Analogous

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



64.4910, 2.7159, 109.1944



64.6350, -29.4001, 96.7901



82.0640, -40.4576, 49.9329

Triad

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



64.6350, -29.4001, 96.7901



68.8850, -12.7613, -60.4121



76.7700, 65.6824, -67.3273

Complementary

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



64.6350, -29.4001, 96.7901



115.3650, 29.4001, -96.7901

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.



85.4780, 58.4313, -74.9642



64.6350, -29.4001, 96.7901



77.4690, 15.0518, -67.9403

Square

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



64.6350, -29.4001, 96.7901



61.0480, -30.0967, -53.5391



84.0810, 40.3861, -73.7390



87.0970, 46.7872, 20.0859

Rectangle

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



64.6350, -29.4001, 96.7901



82.4750, -40.6602, 21.5084



84.0810, 40.3861, -73.7390



80.5200, 64.8196, -70.6160

Sweetspot

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



64.6350, -29.4001, 96.7901



184.2560, -11.4652, 37.4865



73.6140, 43.0813, 88.9155



88.7210, -6.7645, 23.0467



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.



64.6350, -29.4001, 96.7901



79.6130, -39.2492, 129.2584



113.9430, -53.7089, 53.5470



81.2780, -1.6161, 5.0182



52.4810, -25.8731, 85.5242



8.0510, -3.9691, 13.1103

Inverse Universe

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



115.3650, 29.4001, -96.7901



147.3870, 39.2492, -129.2584



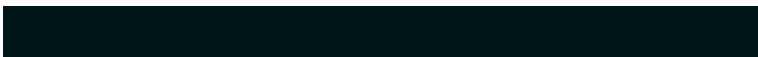
66.0570, 53.7089, -53.5470



83.7220, 1.6161, -5.0182



97.5190, 25.8731, -85.5242



14.9490, 3.9691, -13.1103

Previews

White Background



This preview shows how the YUV color 64.6350, -29.4001, 96.7901 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

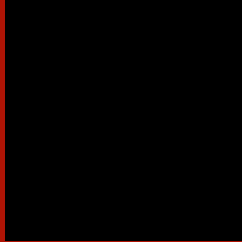
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.6350, -29.4001, 96.7901

Background



This preview shows how black text looks on a background with the YUV color 64.6350, -29.4001, 96.7901.



This preview shows how white text looks on a background with the YUV color 64.6350, -29.4001,

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

64.6350, -29.4001, 96.7901

Protanopia

85.3520, -30.7395, 12.8463

Deuteranopia

83.6820, -41.2552, 25.7119



Tritanopia

65.0740, -25.1795, 96.4051

Trichromacy



Original Color

64.6350, -29.4001, 96.7901

Protanomaly

77.9520, -30.5423, 43.0151

Deuteranomaly

76.6990, -36.8266, 52.0070

Tritanomaly

64.7320, -26.4899, 96.7050

Monochromacy



Original Color

64.6350, -29.4001, 96.7901

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.0600, -10.8756, 35.0274

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.6350, -29.4001, 96.7901 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, 20, 5)` looks like.

```
.text, #text, p{  
    color:rgb(175, 20, 5)  
}
```

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, 20, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 20, 5) }
```

Border

The CSS property to change the border of an element to YUV 64.6350, -29.4001, 96.7901 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, 20, 5) }
```


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

```
.border{ border-color:rgb(175, 20, 5) }
```

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

Here you see how a box with a 4 pixel rgb(175, 20, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 20, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 20, 5);  
box-shadow:4px 4px 4px 4px rgb(175, 20, 5)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.6350, -29.4001, 96.7901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 20, 5) }
```

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

```
.background{ background-color: rgb(175, 20,  
5) }
```

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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