

Converting Colors

YUV(89.3650, -29.7599,
118.9519)

Have a look what the booklet for
YUV(89.3650, -29.7599, 118.9519)
contains.

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Color

**YUV(89.3650, -29.7599,
118.9519)**

Conversions

Conversions Part 1

Format	Color
Hex	E1201D
RGB	225, 32, 29
RGB Percent	88%, 13%, 11%
CMY	0.1176, 0.8745, 0.8863
CMYK	0.00, 0.86, 0.87, 0.12
HSL	1°, 77%, 50%
HSV	1°, 87%, 88%
XYZ	31.7896, 17.1293, 2.7932
YIQ	89.3650, 115.9910, 39.9830

Conversions

Conversions Part 2

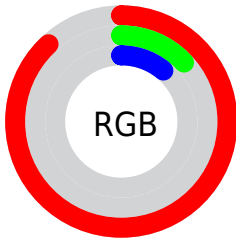
Format	Color
RYB	225, 32, 29
Decimal	14753821
CIELab	48.42, 69.39, 52.09
CIELCh	48, 86.763, 36.895
Yxy	17.1293, 0.6147, 0.3312
Android (android.graphics.Color)	4292943901 (0xFFE1201D)
YUV	89.3650, -29.7599, 118.9519
Hunter-Lab	41.3875, 64.6770, 24.9699

Details

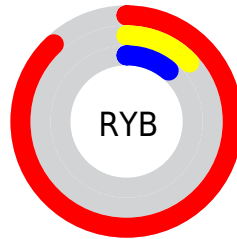
The YUV color **89.3650, -29.7599, 118.9519** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **164.6350, 29.7599, -118.9519**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.7230, -32.8944, 97.5899**, and **47.8400, -23.5851, 98.3643** is the 20% darker color. If you saturate the color by 10%, you get **73.9430, -33.0029, 132.4770**, and if you desaturate by 10%, it is **104.9010, -26.0802, 105.3268**.

Distribution



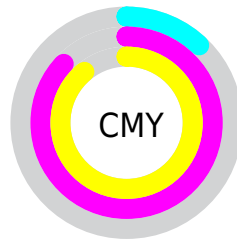
- Red (88%)
- Green (13%)
- Blue (11%)



- Red (88%)
- Yellow (13%)
- Blue (11%)



- Cyan (0%)
- Magenta (86%)
- Yellow (87%)
- Black (12%)





- Cyan (12%)
- Magenta (87%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.3650, -29.7599, 118.9519 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 89.3650, -29.7599, 118.9519 by changing the saturation by 10% instead.


 89.3650, -29.7599,
118.9519


 89.3650, -29.7599,
118.9519


255.0000, 0.0000,
0.0000

 57.8640, -26.5550,
117.6373


 143.7230,
-32.8944, 97.5899

 47.8400, -23.5851,
98.3643


 164.0690,
-31.0930, 79.7465


 38.2720, -18.8681,
78.6915


 184.0560,
-28.1286, 62.2179

 28.8180, -13.7143,
58.9186

 204.0430,
-25.1642, 44.6893

 20.3750, -8.5659,
40.8901

 224.7310,
-22.0524, 26.5459


 9.9810, -4.4276,
20.1877


 245.5330,


 0.0000, 0.0000,


-18.5038, 8.3026


0.0000


 252.9480, -7.8624,
1.7996


 89.3650, -29.7599,
118.9519


 89.3650, -29.7599,
118.9519


 73.9430, -33.0029,
132.4770


 104.9010,
-26.0802, 105.3268

 69.0360, -34.0347,
136.7804

 120.3230,
-22.8372, 91.8017

 135.8590,
-19.1575, 78.1767

 151.8680,
-16.2039, 64.1368

 167.4040,
-12.5242, 50.5117

■ 182.8260, -9.2812,
36.9866

■ 198.3620, -5.6015,
23.3615

■ 213.7840, -2.3585,
9.8364

■ 229.3200, 1.3212,
-3.7886

Harmonies

Analogous

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



82.7900, 9.4705, 136.1192



89.3650, -29.7599, 118.9519



106.6720, -52.5893, 67.8167

Triad

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



89.3650, -29.7599, 118.9519



88.6950, -18.0906, -77.7855



99.5100, 76.6566, -87.2703

Complementary

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



89.3650, -29.7599, 118.9519



164.6350, 29.7599, -118.9519

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.



109.7340, 70.1371, -96.2367



89.3650, -29.7599, 118.9519



99.4620, 15.5482, -87.2282

Square

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



89.3650, -29.7599, 118.9519



88.2260, -43.4954, -49.3102



107.5560, 46.5609, -94.3266



115.4410, 58.4496, 12.7682

Rectangle

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



89.3650, -29.7599, 118.9519



108.5230, -53.5018, 33.7443



107.5560, 46.5609, -94.3266



104.2060, 74.3414, -91.3887

Sweetspot

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



89.3650, -29.7599, 118.9519



209.3210, -10.0183, 40.0605



109.9480, 56.7206, 100.9006



100.5470, -6.1857, 24.0763



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



89.3650, -29.7599, 118.9519



78.5930, -38.7463, 154.7089



145.1300, -57.2521, 70.0460



104.2890, -1.6215, 6.7625



54.3850, -26.8118, 106.6564



14.9390, -7.3649, 28.9945

Inverse Universe

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



164.6350, 29.7599, -118.9519



176.4070, 38.7463, -154.7089



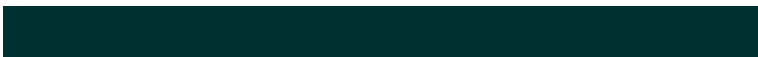
108.8700, 57.2521, -70.0460



108.7110, 1.6215, -6.7625



121.6150, 26.8118, -106.6564



33.6480, 7.0755, -29.5093

Previews

White Background



This preview shows how the YUV color 89.3650, -29.7599, 118.9519 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



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 89.3650, -29.7599, 118.9519

Background



This preview shows how black text looks on a background with the YUV color 89.3650, -29.7599, 118.9519.



This preview shows how white text looks on a background with the YUV color 89.3650, -29.7599,

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

89.3650, -29.7599, 118.9519

Protanopia

112.1350, -31.6186, 14.7906

Deuteranopia

108.2240, -53.3544, 33.1296



Tritanopia

89.3650, -29.7599, 118.9519

Trichromacy



Original Color

89.3650, -29.7599, 118.9519

Protanomaly

103.6050, -30.8643, 52.9664

Deuteranomaly

101.7130, -44.7215, 64.2727

Tritanomaly

89.3650, -29.7599, 118.9519

Monochromacy



Original Color

89.3650, -29.7599, 118.9519

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8160, -10.7553, 43.1344

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3650, -29.7599, 118.9519 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(225, 32, 29)` looks like.

```
.text, #text, p{  
    color:rgb(225, 32, 29)  
}
```

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(225, 32, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 32, 29) }
```

Border

The CSS property to change the border of an element to YUV 89.3650, -29.7599, 118.9519 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(225, 32, 29) }
```


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

```
.border{ border-color:rgb(225, 32, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 32, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 32, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 32, 29);  
box-shadow:4px 4px 4px 4px rgb(225, 32,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 89.3650, -29.7599, 118.9519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 32, 29) }
```

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

```
.background{ background-color: rgb(225, 32,  
29) }
```

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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