

Converting Colors

YUV(90.5190, -16.5249,
120.5708)

Have a look what the booklet for
YUV(90.5190, -16.5249, 120.5708)
contains.

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Color

**YUV(90.5190, -16.5249,
120.5708)**

Conversions

Conversions Part 1

Format	Color
Hex	E41B39
RGB	228, 27, 57
RGB Percent	89%, 11%, 22%
CMY	0.1059, 0.8941, 0.7765
CMYK	0.00, 0.88, 0.75, 0.11
HSL	351°, 79%, 50%
HSV	351°, 88%, 89%
XYZ	33.1254, 17.5733, 5.5170
YIQ	90.5190, 110.1660, 51.9420

Conversions

Conversions Part 2

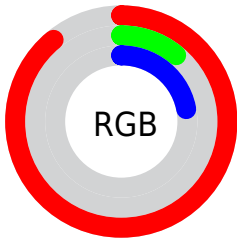
Format	Color
R_{YB}	228, 27, 57
Decimal	14949177
CIE Lab	48.97, 71.80, 38.02
CIE LCh	49, 81.247, 27.899
Yxy	17.5733, 0.5893, 0.3126
Android (android.graphics.Color)	4293139257 (0xFFE41B39)
YUV	90.5190, -16.5249, 120.5708
Hunter-Lab	41.9205, 67.6891, 21.5414

Details

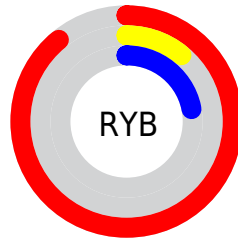
The YUV color **90.5190, -16.5249, 120.5708** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **164.4810, 16.5249, -120.5708**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.2140, -20.8115, 95.4053**, and **50.4470, -17.4754, 98.7090** is the 20% darker color. If you saturate the color by 10%, you get **74.8520, -18.1680, 134.3108**, and if you desaturate by 10%, it is **106.1860, -14.8817, 106.8309**.

Distribution



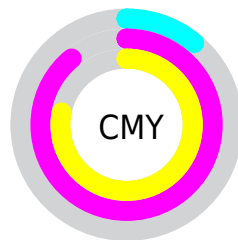
- Red (89%)
- Green (11%)
- Blue (22%)



- Red (89%)
- Yellow (11%)
- Blue (22%)



- Cyan (0%)
- Magenta (88%)
- Yellow (75%)
- Black (11%)





- Cyan (11%)
- Magenta (89%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.5190, -16.5249, 120.5708 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 90.5190, -16.5249, 120.5708 by changing the saturation by 10% instead.


 90.5190, -16.5249,
120.5708

 90.5190, -16.5249,
120.5708


255.0000, 0.0000,
0.0000


 62.5940, -13.6038,
116.9971


 146.2140,
-20.8115, 95.4053


 50.4470, -17.4754,
98.7090


 166.6740,
-18.5733, 77.4619


 39.4680, -19.4577,
81.1506


 187.3620,
-15.4615, 59.3185

 30.0140, -14.3039,
61.3777

 207.3490,
-12.4971, 41.7899

 21.6850, -8.7187,
43.2493

 228.1510, -8.9484,
23.5466

 11.4760, -5.1647,
23.2615

 248.9530, -5.3998,

 0.0000, 0.0000,

5.3032

0.0000

■ 90.5190, -16.5249,
120.5708

■ 90.5190, -16.5249,
120.5708

■ 74.8520, -18.1680,
134.3108

■ 106.1860,
-14.8817, 106.8309

■ 72.0480, -18.7577,
136.7699

■ 121.9670,
-12.8017, 92.9909

■ 137.0470,
-10.8692, 79.7658

■ 152.8280, -8.7892,
65.9258

■ 168.4950, -7.1460,
52.1859

■ 184.1620, -5.5029,
38.4459

■ 199.9430, -3.4229,
24.6060

■ 215.0230, -1.4903,
11.3808

■ 230.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



82.9060, 20.2593, 129.0014



90.5190, -16.5249, 120.5708



106.4500, -52.4798, 79.4124

Triad

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



90.5190, -16.5249, 120.5708



85.9420, -26.1004, -75.3711



103.6190, 74.6308, -90.8739

Complementary

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



90.5190, -16.5249, 120.5708



164.4810, 16.5249, -120.5708

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.



109.4430, 61.4066, -95.9815



90.5190, -16.5249, 120.5708



96.9540, 5.9387, -85.0287

Square

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



90.5190, -16.5249, 120.5708



99.9200, -49.2606, -20.1008



105.6350, 36.6619, -92.6419



112.9700, 62.6258, -20.1447

Rectangle

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



90.5190, -16.5249, 120.5708



109.7960, -54.1294, 48.4139



105.6350, 36.6619, -92.6419



106.9130, 72.0209, -93.7627

Sweetspot

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



90.5190, -16.5249, 120.5708



209.8740, -5.3609, 39.5755



101.0430, 62.5898, 85.0313



100.6440, -3.2755, 23.9912



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.



90.5190, -16.5249, 120.5708



80.5770, -20.9905, 152.9690



128.1890, -49.8862, 87.5342



106.8160, -0.8953, 7.1774



56.5990, -14.5923, 107.3457



16.1610, -4.0234, 30.5538

Inverse Universe

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



90.5190, -16.5249, 120.5708



80.5770, -20.9905, 152.9690



126.8110, 49.8862, -87.5342



106.8160, -0.8953, 7.1774



56.5990, -14.5923, 107.3457



16.1610, -4.0234, 30.5538

Previews

White Background



This preview shows how the YUV color 90.5190, -16.5249, 120.5708 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 90.5190, -16.5249, 120.5708 looks on a black 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

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

YUV 90.5190, -16.5249, 120.5708

Background



This preview shows how black text looks on a background with the YUV color 90.5190, -16.5249, 120.5708.



This preview shows how white text looks on a background with the YUV color 90.5190, -16.5249,

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

90.5190, -16.5249, 120.5708

Protanopia

115.9290, -15.7410, 8.8323

Deuteranopia

113.8270, -34.4247, 28.2157



Tritanopia

90.6640, -29.9074, 119.5667

Trichromacy



Original Color

90.5190, -16.5249, 120.5708

Protanomaly

106.4810, -16.0131, 49.5672

Deuteranomaly

105.1700, -27.6918, 62.1179

Tritanomaly

90.6300, -24.9606, 119.5965

Monochromacy



Original Color

90.5190, -16.5249, 120.5708

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.0810, -5.9559, 43.7790

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.5190, -16.5249, 120.5708 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(228, 27, 57)` looks like.

```
.text, #text, p{  
    color:rgb(228, 27, 57)  
}
```

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(228, 27, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 27, 57) }
```

Border

The CSS property to change the border of an element to YUV 90.5190, -16.5249, 120.5708 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(228, 27, 57) }
```


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

```
.border{ border-color:rgb(228, 27, 57) }
```

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

Here you see how a box with a 4 pixel rgb(228, 27, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 27, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 27, 57);  
box-shadow:4px 4px 4px 4px rgb(228, 27,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 90.5190, -16.5249, 120.5708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 27, 57) }
```

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

```
.background{ background-color: rgb(228, 27,  
57) }
```

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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