

Converting Colors

YUV(75.4810, -32.2821,
134.6362)

Have a look what the booklet for
YUV(75.4810, -32.2821, 134.6362)
contains.

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Color

**YUV(75.4810, -32.2821,
134.6362)**

Conversions

Conversions Part 1

Format	Color
Hex	E50A0A
RGB	229, 10, 10
RGB Percent	90%, 4%, 4%
CMY	0.1020, 0.9608, 0.9608
CMYK	0.00, 0.96, 0.96, 0.10
HSL	0°, 92%, 47%
HSV	0°, 96%, 90%
XYZ	32.4764, 16.8970, 1.8369
YIQ	75.4810, 130.5240, 46.4280

Conversions

Conversions Part 2

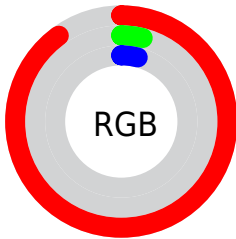
Format	Color
R_{YB}	229, 10, 10
Decimal	15010314
CIE _{Lab}	48.13, 73.13, 59.27
CIE _{LCh}	48, 94.136, 39.026
Yxy	16.8970, 0.6342, 0.3300
Android (android.graphics.Color)	4293200394 (0xFFE50A0A)
YUV	75.4810, -32.2821, 134.6362
Hunter-Lab	41.1060, 69.0913, 26.1247

Details

The YUV color **75.4810, -32.2821, 134.6362** 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 **163.5190, 32.2821, -134.6362**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.9040, -37.4207, 102.6932**, and **48.7370, -24.0273, 100.2087** is the 20% darker color. If you saturate the color by 10%, you get **68.4710, -33.7562, 140.7839**, and if you desaturate by 10%, it is **91.6040, -28.8918, 120.4963**.

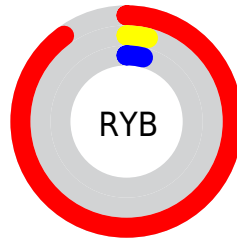
Distribution



Red (90%)

Green (4%)

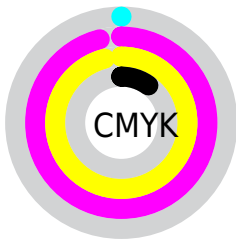
Blue (4%)



Red (90%)

Yellow (4%)

Blue (4%)

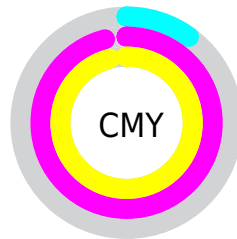


Cyan (0%)

Magenta (96%)

Yellow (96%)

Black (10%)



Cyan (10%)


Magenta (96%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YUV color 75.4810, -32.2821, 134.6362 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 75.4810, -32.2821, 134.6362 by changing the saturation by 10% instead.


 75.4810, -32.2821,
134.6362


 75.4810, -32.2821,
134.6362


 254.4300, -2.1840,
0.4999

 58.6040, -28.8918,
120.4963


 137.9040,
-37.4207, 102.6932

 48.7370, -24.0273,
100.2087


 158.3640,
-35.1825, 84.7498

 38.8700, -19.1629,
79.9210


 178.8240,
-32.9442, 66.8064

 29.5300, -13.5723,
60.0482

 199.3980,
-30.2692, 48.7630

 20.9730, -8.8607,
42.1197

 220.0860,
-27.1574, 30.6196


 10.8780, -4.8699,
22.0320


 240.8880,


 0.0000, 0.0000,


-23.6088, 12.3762


0.0000


 251.1240,
-14.8511, 3.3993


 75.4810, -32.2821,
134.6362

 75.4810, -32.2821,
134.6362


 68.4710, -33.7562,
140.7839

 91.6040, -28.8918,
120.4963

 107.7270,
-25.5014, 106.3564

 123.8500,
-22.1110, 92.2166

 139.9730,
-18.7207, 78.0767

 156.0960,
-15.3303, 63.9368

■ 171.5180,
-12.0874, 50.4117

■ 187.6410, -8.6970,
36.2718

■ 203.7640, -5.3067,
22.1320

■ 219.8870, -1.9163,
7.9921

Harmonies

Analogous

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



84.3840, 5.2337, 141.7372



75.4810, -32.2821, 134.6362



106.3730, -52.4419, 67.2019

Triad

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



75.4810, -32.2821, 134.6362



89.2820, -18.3800, -78.3003



98.3360, 77.2354, -86.2407

Complementary

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



75.4810, -32.2821, 134.6362



163.5190, 32.2821, -134.6362

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.



110.0760, 71.4475, -96.5367



75.4810, -32.2821, 134.6362



100.7330, 17.8796, -88.3428

Square

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



75.4810, -32.2821, 134.6362



79.2450, -39.0678, -69.4979



109.5110, 51.5131, -96.0411



113.5220, 62.3537, 20.5902

Rectangle

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



75.4810, -32.2821, 134.6362



107.6150, -53.0542, 30.1556



109.5110, 51.5131, -96.0411



103.6190, 74.6308, -90.8739

Sweetspot

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



75.4810, -32.2821, 134.6362



203.1260, -10.9081, 45.4935



100.4470, 63.3766, 112.7410



96.4550, -6.6333, 27.6650



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.



75.4810, -32.2821, 134.6362



76.2450, -37.5888, 156.7681



139.4640, -63.8258, 78.5231



106.5880, -1.7689, 7.3773



53.5210, -26.3859, 110.0451



15.2490, -7.5178, 31.3536

Inverse Universe

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



163.5190, 32.2821, -134.6362



178.7550, 37.5888, -156.7681



98.9490, 64.1151, -78.0083



111.4120, 1.7689, -7.3773



125.4790, 26.3859, -110.0451



35.7510, 7.5178, -31.3536

Previews

White Background



This preview shows how the YUV color 75.4810, -32.2821, 134.6362 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 75.4810, -32.2821, 134.6362

Background



This preview shows how black text looks on a background with the YUV color 75.4810, -32.2821, 134.6362.



This preview shows how white text looks on a background with the YUV color 75.4810, -32.2821,

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

75.4810, -32.2821, 134.6362

Protanopia

110.6100, -38.7547, 17.0050

Deuteranopia

108.2240, -53.3544, 33.1296



Tritanopia

80.4990, -39.6860, 129.3584

Trichromacy



Original Color

75.4810, -32.2821, 134.6362

Protanomaly

97.5690, -36.2695, 60.0140

Deuteranomaly

96.5180, -45.6114, 69.7057

Tritanomaly

78.6070, -36.7813, 131.0177

Monochromacy



Original Color

75.4810, -32.2821, 134.6362

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.9200, -11.7926, 49.1822

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.4810, -32.2821, 134.6362 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(229, 10, 10)` looks like.

```
.text, #text, p{  
    color:rgb(229, 10, 10)  
}
```

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(229, 10, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 10, 10) }
```

Border

The CSS property to change the border of an element to YUV 75.4810, -32.2821, 134.6362 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(229, 10, 10) }
```


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

```
.border{ border-color:rgb(229, 10, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 10, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 10, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 10, 10);  
box-shadow:4px 4px 4px 4px rgb(229, 10,  
10) }
```

Background

The CSS property to change the background color of an element to YUV 75.4810, -32.2821, 134.6362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 10, 10) }
```

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

```
.background{ background-color: rgb(229, 10,  
10) }
```

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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