

Converting Colors

YUV(91.6520, -45.1844,
119.5772)

Have a look what the booklet for
YUV(91.6520, -45.1844, 119.5772)
contains.

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Color

**YUV(91.6520, -45.1844,
119.5772)**

Conversions

Conversions Part 1

Format	Color
Hex	E42800
RGB	228, 40, 0
RGB Percent	89%, 16%, 0%
CMY	0.1059, 0.8431, 1.0000
CMYK	0.00, 0.82, 1.00, 0.11
HSL	11°, 100%, 45%
HSV	11°, 100%, 89%
XYZ	32.7537, 18.0116, 1.7503
YIQ	91.6520, 124.8880, 27.4160

Conversions

Conversions Part 2

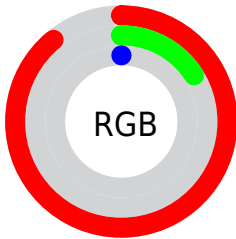
Format	Color
R_{YB}	228, 49, 0
Decimal	14952448
CIE _{Lab}	49.51, 68.17, 62.47
CIE _{LCh}	50, 92.469, 42.502
Yxy	18.0116, 0.6237, 0.3430
Android (android.graphics.Color)	4293142528 (0xFFE42800)
YUV	91.6520, -45.1844, 119.5772
Hunter-Lab	42.4400, 63.4899, 27.2628

Details

The YUV color **91.6520, -45.1844, 119.5772** 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 **136.3480, 45.1844, -119.5772**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.4920, -42.6406, 96.9155**, and **48.4380, -23.8799, 99.5939** is the 20% darker color. If you saturate the color by 10%, you get **91.6520, -45.1844, 119.5772**, and if you desaturate by 10%, it is **105.4270, -40.6365, 107.4965**.

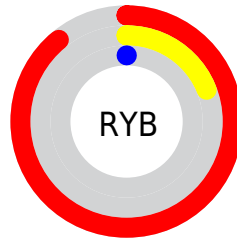
Distribution



Red (89%)

Green (16%)

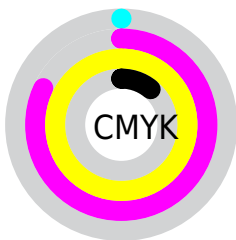
Blue (0%)



Red (89%)

Yellow (19%)

Blue (0%)

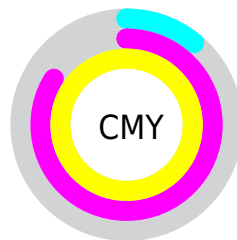


Cyan (0%)

Magenta (82%)

Yellow (100%)

Black (11%)



Cyan (11%)


Magenta (84%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 91.6520, -45.1844, 119.5772 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 91.6520, -45.1844, 119.5772 by changing the saturation by 10% instead.


 91.6520, -45.1844,
119.5772

 91.6520, -45.1844,
119.5772


 254.0880, -3.4944,
0.7998


 58.3050, -28.7444,
119.8815


 144.4920,
-42.6406, 96.9155


 48.4380, -23.8799,
99.5939


 164.3650,
-40.1129, 79.4869


 38.8700, -19.1629,
79.9210


 184.3520,
-37.1485, 61.9583

 29.4160, -14.0091,
60.1482

 204.9260,
-34.4735, 43.9149

 21.2720, -9.0081,
42.7345

 225.0270,
-31.0723, 26.2863


 11.1770, -5.0173,
22.6468


 245.8290,


 0.0000, 0.0000,


-27.5237, 8.0430


0.0000

 250.7820,
-16.1615, 3.6992

 91.6520, -45.1844,
119.5772

 105.4270,
-40.6365, 107.4965

 119.2020,
-36.0886, 95.4158

 132.2760,
-31.6881, 83.9499

 146.0510,
-27.1401, 71.8693

 159.8260,
-22.5922, 59.7886

■ 173.6010,
-18.0443, 47.7079

■ 187.3760,
-13.4964, 35.6272

■ 200.4500, -9.0958,
24.1614

■ 214.2250, -4.5479,
12.0807

Harmonies

Analogous

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



84.5970, 2.1707, 144.1814



91.6520, -45.1844, 119.5772



110.1720, -54.3148, 61.2392

Triad

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



91.6520, -45.1844, 119.5772



93.2260, -13.4224, -81.7592



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.



91.6520, -45.1844, 119.5772



136.3480, 45.1844, -119.5772

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.



111.2500, 70.8688, -97.5662



91.6520, -45.1844, 119.5772



104.5630, 22.4004, -91.7018

Square

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



91.6520, -45.1844, 119.5772



81.5930, -40.2253, -71.5571



112.4120, 55.0129, -98.5853



116.9860, 58.6739, 34.2153

Rectangle

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



91.6520, -45.1844, 119.5772



109.9410, -54.2009, 24.6077



112.4120, 55.0129, -98.5853



103.6190, 74.6308, -90.8739

Sweetspot

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



91.6520, -45.1844, 119.5772



209.3550, -14.9650, 40.0307



89.8320, 49.3828, 121.1733



100.4500, -9.0959, 24.1613



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.



91.6520, -45.1844, 119.5772



102.6600, -50.6114, 133.6022



157.3960, -77.5962, 61.9197



107.7620, -2.3477, 6.3477



71.7180, -35.3570, 94.0863



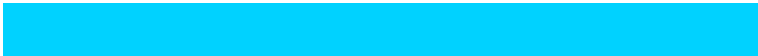
20.5320, -10.1223, 26.7204

Inverse Universe

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



136.3480, 45.1844, -119.5772



152.3400, 50.6114, -133.6022



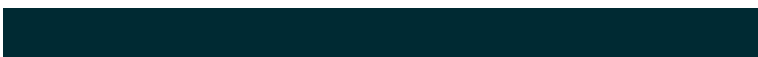
70.6040, 77.5962, -61.9197



110.2380, 2.3477, -6.3477



106.6950, 35.6464, -93.5715



30.4680, 10.1223, -26.7204

Previews

White Background



This preview shows how the YUV color 91.6520, -45.1844, 119.5772 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 91.6520, -45.1844, 119.5772 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 91.6520, -45.1844, 119.5772

Background



This preview shows how black text looks on a background with the YUV color 91.6520, -45.1844, 119.5772.



This preview shows how white text looks on a background with the YUV color 91.6520, -45.1844,

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

91.6520, -45.1844, 119.5772

Protanopia

112.8120, -41.8123, 17.7049

Deuteranopia

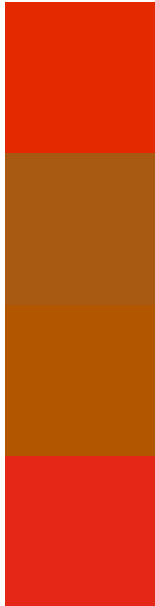
110.8820, -54.6648, 33.4295



Tritanopia

94.5820, -28.8809, 117.0076

Trichromacy



Original Color

91.6520, -45.1844, 119.5772

Protanomaly

105.1140, -42.9472, 55.1510

Deuteranomaly

103.7040, -51.1261, 65.1576

Tritanomaly

93.6870, -34.8487, 117.7925

Monochromacy



Original Color

91.6520, -45.1844, 119.5772

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.7360, -16.1388, 43.2045

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.6520, -45.1844, 119.5772 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, 40, 0)` looks like.

```
.text, #text, p{  
    color:rgb(228, 40, 0)  
}
```

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, 40, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 40, 0) }
```

Border

The CSS property to change the border of an element to YUV 91.6520, -45.1844, 119.5772 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, 40, 0) }
```


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

```
.border{ border-color:rgb(228, 40, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 40, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 40, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 40, 0);  
box-shadow:4px 4px 4px 4px rgb(228, 40, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 91.6520, -45.1844, 119.5772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 40, 0) }
```

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

```
.background{ background-color: rgb(228, 40,  
0) }
```

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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