

Converting Colors

YUV(104.6780, -44.7043,
105.5224)

Have a look what the booklet for
YUV(104.6780, -44.7043, 105.5224)
contains.

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Color

**YUV(104.6780, -44.7043,
105.5224)**

Conversions

Conversions Part 1

Format	Color
Hex	E13D0E
RGB	225, 61, 14
RGB Percent	88%, 24%, 5%
CMY	0.1176, 0.7608, 0.9451
CMYK	0.00, 0.73, 0.94, 0.12
HSL	13°, 88%, 47%
HSV	13°, 94%, 88%
XYZ	32.7993, 19.3767, 2.4268
YIQ	104.6780, 112.8310, 20.1510

Conversions

Conversions Part 2

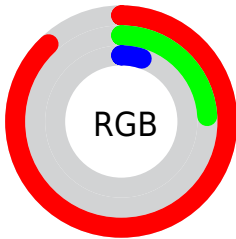
Format	Color
RYB	225, 74, 14
Decimal	14761230
CIELab	51.13, 61.38, 59.45
CIElCh	51, 85.446, 44.086
Yxy	19.3767, 0.6007, 0.3549
Android (android.graphics.Color)	4292951310 (0xFFE13D0E)
YUV	104.6780, -44.7043, 105.5224
Hunter-Lab	44.0190, 55.9702, 27.5446

Details

The YUV color **104.6780, -44.7043, 105.5224** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **134.3220, 44.7043, -105.5224**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.7360, -42.7608, 88.8085**, and **47.8400, -23.5851, 98.3643** is the 20% darker color. If you saturate the color by 10%, you get **96.6250, -47.6361, 112.5849**, and if you desaturate by 10%, it is **117.2790, -39.5775, 94.4713**.

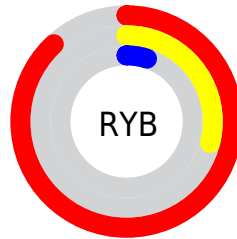
Distribution



Red (88%)

Green (24%)

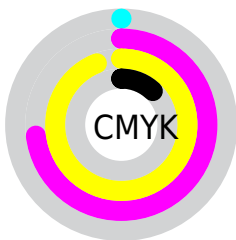
Blue (5%)



Red (88%)

Yellow (29%)

Blue (5%)

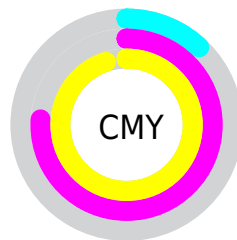


Cyan (0%)

Magenta (73%)

Yellow (94%)

Black (12%)



Cyan (12%)


Magenta (76%)

Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the YUV color 104.6780, -44.7043, 105.5224 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 104.6780, -44.7043, 105.5224 by changing the saturation by 10% instead.


 104.6780,
-44.7043, 105.5224


 104.6780,
-44.7043, 105.5224


255.0000, 0.0000,
0.0000

 72.0830, -35.5369,
105.1672


 153.7360,
-42.7608, 88.8085


 47.8400, -23.5851,
98.3643


 173.1360,
-39.5070, 71.7947


 38.2720, -18.8681,
78.6915


 193.0090,
-36.9794, 54.3661

 29.0030, -14.2985,
59.6334

 213.1100,
-33.5782, 36.7375

 20.9730, -8.8607,
42.1197

 233.2110,
-30.1770, 19.1090


 11.1770, -5.0173,
22.6468

 248.7300,


 0.0000, 0.0000,


-24.0239, 5.4988


0.0000


 252.0360,
-11.3567, 2.5994


 104.6780,
-44.7043, 105.5224

 104.6780,
-44.7043, 105.5224


 96.6250, -47.6361,
112.5849

 117.2790,
-39.5775, 94.4713

 130.3530,
-35.1770, 83.0054

 142.9540,
-30.0503, 71.9543

 156.0280,
-25.6498, 60.4884

 168.6290,
-20.5231, 49.4374

■ 181.7030,
-16.1226, 37.9715

■ 194.3040,
-10.9959, 26.9204

■ 207.3780, -6.5954,
15.4545

■ 219.9790, -1.4686,
4.4034

Harmonies

Analogous

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



83.6290, 3.6339, 141.5224



104.6780, -44.7043, 105.5224



114.8680, -56.6299, 57.1208

Triad

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



104.6780, -44.7043, 105.5224



96.4690, -8.6122, -84.6033



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.



104.6780, -44.7043, 105.5224



134.3220, 44.7043, -105.5224

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.



112.4240, 70.2900, -98.5958



104.6780, -44.7043, 105.5224



107.0080, 24.1531, -93.8460

Square

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



104.6780, -44.7043, 105.5224



83.9410, -41.3829, -73.6163



113.4720, 53.9973, -99.5149



122.5750, 51.9745, 36.3297

Rectangle

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



104.6780, -44.7043, 105.5224



113.4740, -55.9427, 23.2633



113.4720, 53.9973, -99.5149



104.7930, 74.0521, -91.9035

Sweetspot

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



104.6780, -44.7043, 105.5224



214.6210, -15.0962, 35.4124



95.8990, 40.9688, 113.2216



103.0260, -9.3798, 21.9022



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.



104.6780, -44.7043, 105.5224



109.7040, -54.0841, 127.4246



165.7260, -74.8009, 51.9833



105.4630, -2.2003, 5.7329



75.5170, -37.2299, 88.1236



20.8090, -10.2588, 23.8465

Inverse Universe

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



134.3220, 44.7043, -105.5224



145.2960, 54.0841, -127.4246



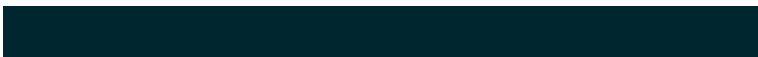
73.2740, 74.8009, -51.9833



107.5370, 2.2003, -5.7329



100.4830, 37.2299, -88.1236



27.7780, 9.9694, -24.3613

Previews

White Background



This preview shows how the YUV color 104.6780, -44.7043, 105.5224 looks on a white 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

Black Background



This preview shows how the YUV color 104.6780, -44.7043, 105.5224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

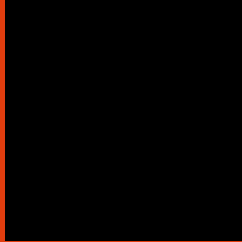
Any Text WCAG AA ✓ Pass

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 104.6780, -44.7043, 105.5224 Background



This preview shows how black text looks on a background with the YUV color 104.6780, -44.7043, 105.5224.



This preview shows how white text looks on a background with the YUV color 104.6780, -44.7043, 105.5224.

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

104.6780, -44.7043, 105.5224

Protanopia

116.8830, -42.8333, 18.5196

Deuteranopia

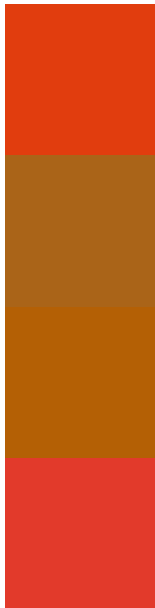
114.1380, -56.2700, 34.9590



Tritanopia

107.7590, -24.0382, 103.6974

Trichromacy



Original Color

104.6780, -44.7043, 105.5224

Protanomaly

112.2660, -43.5151, 50.6327

Deuteranomaly

110.7420, -52.1308, 60.7393

Tritanomaly

106.5220, -31.3163, 104.7822

Monochromacy



Original Color

104.6780, -44.7043, 105.5224

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.0020, -16.2700, 38.5862

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.6780, -44.7043, 105.5224 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, 61, 14)` looks like.

```
.text, #text, p{  
    color:rgb(225, 61, 14)  
}
```

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, 61, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 61, 14) }
```

Border

The CSS property to change the border of an element to YUV 104.6780, -44.7043, 105.5224 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, 61, 14) }
```


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

```
.border{ border-color:rgb(225, 61, 14) }
```

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

Here you see how a box with a 4 pixel rgb(225, 61, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 61, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 61, 14);  
box-shadow:4px 4px 4px 4px rgb(225, 61,  
14) }
```

Background

The CSS property to change the background color of an element to YUV 104.6780, -44.7043, 105.5224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 61, 14) }
```

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

```
.background{ background-color: rgb(225, 61,  
14) }
```

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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