

Converting Colors

YIQ(110.3480, 104.3520, 3.1040)

Have a look what the booklet for
YIQ(110.3480, 104.3520, 3.1040)
contains.

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Color

**YIQ(110.3480, 104.3520,
3.1040)**

Conversions

Conversions Part 1

Format	Color
Hex	D45000
RGB	212, 80, 0
RGB Percent	83%, 31%, 0%
CMY	0.1684, 0.6865, 0.9995
CMYK	0.00, 0.62, 1.00, 0.17
HSL	23°, 100%, 42%
HSV	23°, 100%, 83%
XYZ	30.0361, 19.7365, 2.2299
YIQ	110.3480, 104.3520, 3.1040

Conversions

Conversions Part 2

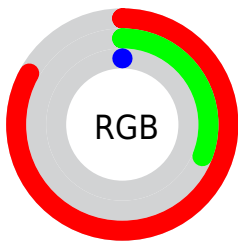
Format	Color
RYB	212, 128, 0
Decimal	13914112
CIELab	51.54, 49.46, 61.73
CIElCh	52, 79.095, 51.297
Yxy	19.7365, 0.5776, 0.3795
Android (android.graphics.Color)	4292104192 (0xFFD45000)
YUV	110.3480, -54.4016, 89.1488
Hunter-Lab	44.4258, 42.9379, 28.1220

Details

The YIQ color **110.3480, 104.3520, 3.1040** 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 **101.6520, -104.3520, -3.1040**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **161.8570, 95.5490, 2.9490**, and **57.4650, 82.7540, 20.0820** is the 20% darker color. If you saturate the color by 10%, you get **110.3480, 104.3520, 3.1040**, and if you desaturate by 10%, it is **120.3730, 94.0360, 2.8360**.

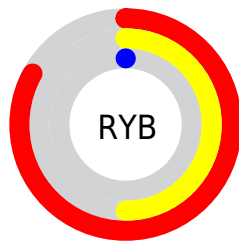
Distribution



Red (83%)

Green (31%)

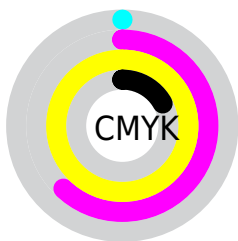
Blue (0%)



Red (83%)

Yellow (50%)

Blue (0%)

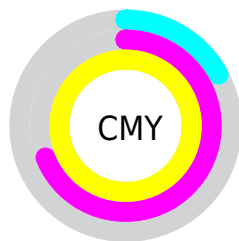


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (17%)



Cyan (17%)


Magenta (69%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 110.3480, 104.3520, 3.1040 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 YIQ color 110.3480, 104.3520, 3.1040 by changing the saturation by 10% instead.


 110.3480,
104.3520, 3.1040


 110.3480,
104.3520, 3.1040


254.7720, 0.6420,
-0.6220


 84.9310, 92.7050,
10.4410


 161.8570, 95.5490,
2.9490


 57.4650, 82.7540,
20.0820


 180.6700, 79.7780,
-3.0860


 35.2820, 70.3280,
25.0160


 200.1840, 63.4110,
-9.3330

 26.3120, 52.4480,
18.6560

 220.1710, 47.0900,
-16.4140

 18.1680, 35.1180,
13.3420

 240.3860, 30.1270,
-22.8730

 7.8880, 15.1750,
5.8230

 248.1600, 19.2600,

 0.0000, 0.0000,

-18.6600

0.0000

■ 251.4660, 9.9510,
-9.6410

■ 110.3480,
104.3520, 3.1040

■ 120.3730, 94.0360,
2.8360

■ 130.5120, 83.3990,
2.8790

■ 141.1240, 72.8080,
2.0880

■ 151.1490, 62.4920,
1.8200

■ 161.1740, 52.1760,
1.5520

■ 171.1990, 41.8600,
1.2840

■ 181.3380, 31.2230,
1.3270

■ 191.9500, 20.6320,
0.5360

■ 201.9750, 10.3160,
0.2680

Harmonies

Analogous

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



99.8270, 106.5430, 57.0310



110.3480, 104.3520, 3.1040



115.9650, 67.8610, -23.9070

Triad

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



110.3480, 104.3520, 3.1040



99.4500, -73.3500, -47.3500



111.6780, -79.7370, 29.8870

Complementary

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



110.3480, 104.3520, 3.1040



101.6520, -104.3520, -3.1040

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.



109.4890, -119.5300, 7.6540



110.3480, 104.3520, 3.1040



108.6040, -96.3700, -26.6260

Square

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



110.3480, 104.3520, 3.1040



87.6230, -46.9370, -68.9930



112.8680, -113.8880, -6.4960



122.8560, 20.4830, 63.8350

Rectangle

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



110.3480, 104.3520, 3.1040



112.8100, 39.8960, -40.2320



112.8680, -113.8880, -6.4960



101.2710, -115.6800, 14.9760

Sweetspot

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



110.3480, 104.3520, 3.1040



218.1600, 37.5960, 1.4680



78.6640, 83.3380, 86.6180



105.7330, 22.7410, 0.8610



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.



110.3480, 104.3520, 3.1040



132.5970, 125.5800, 3.8520



171.3960, 75.7520, -51.2880



101.6370, 5.4560, 0.2400



88.6970, 84.3160, 2.7800



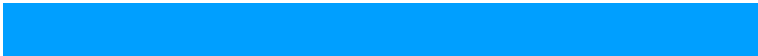
22.2490, 21.2280, 0.7480

Inverse Universe

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



101.6520, -104.3520, -3.1040



122.4030, -125.5800, -3.8520



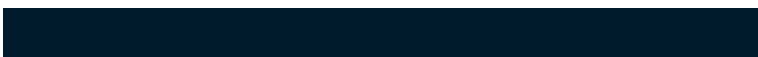
40.6040, -75.7520, 51.2880



101.3630, -5.4560, -0.2400



81.7160, -84.0410, -2.2570



20.7510, -21.2280, -0.7480

Previews

White Background



This preview shows how the YIQ color 110.3480, 104.3520, 3.1040 looks on a white background.

Color Contrast Check

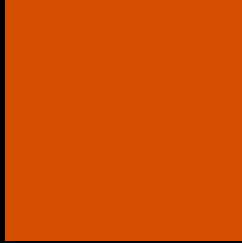
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 110.3480, 104.3520, 3.1040 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](#).

YIQ 110.3480, 104.3520, 3.1040

Background



This preview shows how black text looks on a background with the YIQ color 110.3480, 104.3520, 3.1040.



This preview shows how white text looks on a background with the YIQ color 110.3480, 104.3520,

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

110.3480, 104.3520, 3.1040

Protanopia

116.7430, 42.0030, -28.8530

Deuteranopia

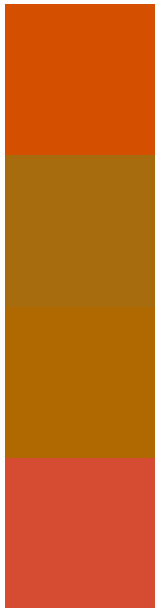
115.3230, 60.8010, -28.1190



Tritanopia

116.4300, 81.8350, 31.2350

Trichromacy



Original Color

110.3480, 104.3520, 3.1040

Protanomaly

114.5120, 65.0630, -17.2490

Deuteranomaly

113.6720, 76.2960, -17.0800

Tritanomaly

113.9990, 89.9980, 20.9580

Monochromacy



Original Color

110.3480, 104.3520, 3.1040

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.0460, 37.9170, 1.1570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.3480, 104.3520, 3.1040 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(212, 80, 0)` looks like.

```
.text, #text, p{  
    color:rgb(212, 80, 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(212, 80, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 80, 0) }
```

Border

The CSS property to change the border of an element to YIQ 110.3480, 104.3520, 3.1040 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(212, 80, 0) }
```


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

```
.border{ border-color:rgb(212, 80, 0) }
```

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

Here you see how a box with a 4 pixel rgb(212, 80, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 80, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 80, 0);  
box-shadow:4px 4px 4px 4px rgb(212, 80, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 110.3480, 104.3520, 3.1040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 80, 0) }
```

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

```
.background{ background-color: rgb(212, 80,  
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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