

Converting Colors

YIQ(66.0570, 128.7820, 44.9580)

Have a look what the booklet for
YIQ(66.0570, 128.7820, 44.9580)
contains.

YIQ(66.0570, 128.7820, 44.9580)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(66.0570, 128.7820,
44.9580)**

Conversions

Conversions Part 1

Format	Color
Hex	D90200
RGB	217, 2, 0
RGB Percent	85%, 1%, 0%
CMY	0.1485, 0.9923, 0.9995
CMYK	0.00, 0.99, 1.00, 0.15
HSL	0°, 100%, 43%
HSV	1°, 100%, 85%
XYZ	28.6754, 14.8134, 1.3517
YIQ	66.0570, 128.7820, 44.9580

Conversions

Conversions Part 2

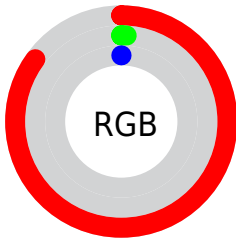
Format	Color
R_{YB}	217, 2, 0
Decimal	14221824
CIE Lab	45.38, 70.79, 59.51
CIE LCh	45, 92.482, 40.055
Yxy	14.8134, 0.6395, 0.3304
Android (android.graphics.Color)	4292411904 (0xFFD90200)
YUV	66.0570, -32.5661, 132.3770
Hunter-Lab	38.4882, 65.6361, 24.8595

Details

The YIQ color **66.0570, 128.7820, 44.9580** 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 **150.9430, -128.7820, -44.9580**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **134.0570, 110.4460, 24.8300**, and **45.1490, 89.9960, 32.0120** is the 20% darker color. If you saturate the color by 10%, you get **66.0570, 128.7820, 44.9580**, and if you desaturate by 10%, it is **80.8920, 115.9450, 40.8170**.

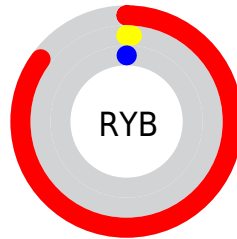
Distribution



Red (85%)

Green (1%)

Blue (0%)



Red (85%)

Yellow (1%)

Blue (0%)

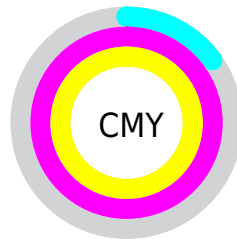


Cyan (0%)

Magenta (99%)

Yellow (100%)

Black (15%)



Cyan (15%)


Magenta (99%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 66.0570, 128.7820, 44.9580 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 66.0570, 128.7820, 44.9580 by changing the saturation by 10% instead.


 66.0570, 128.7820,
44.9580


 66.0570, 128.7820,
44.9580


 253.4040, 4.4940,
-4.3540


 55.0160, 109.6640,
39.0080


 134.0570,
110.4460, 24.8300

 45.1490, 89.9960,
32.0120

 155.1040, 93.8960,
16.3920


 35.5810, 70.9240,
25.2280


 174.9770, 77.8960,
9.0000

 26.5400, 51.8060,
19.2780

 194.9640, 61.5750,
1.9190

 17.5700, 33.9260,
12.9180

 215.6520, 44.6580,
-5.3740


 5.3820, 10.7280,
3.8160


 236.4540, 27.4200,


 0.0000, 0.0000,


-12.3560


0.0000


 250.2120, 13.4820,
-13.0620


 66.0570, 128.7820,
44.9580

 80.8920, 115.9450,
40.8170

 96.3140, 102.8330,
36.1530

 111.6220, 90.0420,
31.1780

 126.4570, 77.2050,
27.0370

 141.8790, 64.0930,
22.3730

■ 156.6000, 51.5770,
17.9210

■ 172.0220, 38.4650,
13.2570

■ 186.8570, 25.6280,
9.1160

■ 202.2790, 12.5160,
4.4520

Harmonies

Analogous

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



80.0690, 112.4540, 76.5660



66.0570, 128.7820, 44.9580



100.1490, 79.6870, -6.9450

Triad

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



66.0570, 128.7820, 44.9580



84.2440, -52.5790, -54.8430



94.2270, -112.3800, 21.2520

Complementary

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



66.0570, 128.7820, 44.9580



150.9430, -128.7820, -44.9580

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.



105.9670, -117.8800, 10.7920



66.0570, 128.7820, 44.9580



95.5810, -80.3680, -30.2880

Square

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



66.0570, 128.7820, 44.9580



75.1360, -35.2000, -66.9440



104.0170, -104.1220, -7.2740



105.9740, -12.0240, 63.7520

Rectangle

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



66.0570, 128.7820, 44.9580



100.8040, 49.2010, -27.1430



104.0170, -104.1220, -7.2740



98.9230, -114.5800, 17.0680

Sweetspot

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



66.0570, 128.7820, 44.9580



201.7240, 45.2960, 16.1120



89.6210, 59.6750, 113.4910



95.7540, 27.4160, 9.7520



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.



66.0570, 128.7820, 44.9580



77.4190, 151.4300, 53.0140



128.8660, 99.3570, -11.0030



102.2890, 6.5560, 2.3320



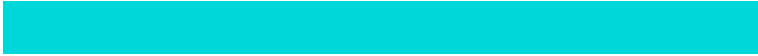
52.3140, 102.8330, 36.1530



13.7540, 27.4160, 9.7520

Inverse Universe

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



150.9430, -128.7820, -44.9580



177.5810, -151.4300, -53.0140



88.7210, -99.6320, 10.4800



106.7110, -6.5560, -2.3320



120.6860, -102.8330, -36.1530



32.2460, -27.4160, -9.7520

Previews

White Background



This preview shows how the YIQ color 66.0570, 128.7820, 44.9580 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 YIQ color 66.0570, 128.7820, 44.9580 looks on a 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](#).

YIQ 66.0570, 128.7820, 44.9580

Background



This preview shows how black text looks on a background with the YIQ color 66.0570, 128.7820, 44.9580.



This preview shows how white text looks on a background with the YIQ color 66.0570, 128.7820,

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

66.0570, 128.7820, 44.9580

Protanopia

104.5390, 34.0700, -22.7460

Deuteranopia

102.3100, 53.6480, -25.1360



Tritanopia

76.0250, 122.6400, 35.1200

Trichromacy



Original Color

66.0570, 128.7820, 44.9580

Protanomaly

90.6720, 68.2690, 1.7490

Deuteranomaly

89.2620, 81.1070, 0.3630

Tritanomaly

72.2150, 125.1610, 38.9930

Monochromacy



Original Color

66.0570, 128.7820, 44.9580

Achromatopsia

66.0000, -0.0000, -0.0000

Achromatomaly

66.2080, 46.8090, 16.2250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 66.0570, 128.7820, 44.9580 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(217, 2, 0)` looks like.

```
.text, #text, p{  
    color:rgb(217, 2, 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(217, 2, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 2, 0) }
```

Border

The CSS property to change the border of an element to YIQ 66.0570, 128.7820, 44.9580 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(217, 2, 0) }
```


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

```
.border{ border-color:rgb(217, 2, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 2, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 2, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(217, 2, 0); box-shadow:4px  
4px 4px 4px rgb(217, 2, 0) }
```

Background

The CSS property to change the background color of an element to YIQ 66.0570, 128.7820, 44.9580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 2, 0) }
```

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

```
.background{ background-color: rgb(217, 2,  
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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