

Converting Colors

YIQ(62.9190, 120.4830, 46.6830)

Have a look what the booklet for
YIQ(62.9190, 120.4830, 46.6830)
contains.

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Color

**YIQ(62.9190, 120.4830,
46.6830)**

Conversions

Conversions Part 1

Format	Color
Hex	CF0009
RGB	207, 0, 9
RGB Percent	81%, 0%, 4%
CMY	0.1877, 0.9998, 0.9642
CMYK	0.00, 1.00, 0.96, 0.19
HSL	357°, 100%, 41%
HSV	357°, 100%, 81%
XYZ	25.8176, 13.3037, 1.4690
YIQ	62.9190, 120.4830, 46.6830

Conversions

Conversions Part 2

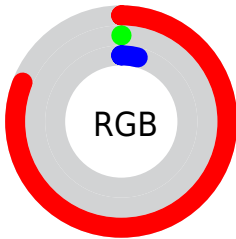
Format	Color
R_{YB}	207, 0, 9
Decimal	13565961
CIE Lab	43.22, 68.57, 54.49
CIE LCh	43, 87.580, 38.472
Yxy	13.3037, 0.6361, 0.3278
Android (android.graphics.Color)	4291756041 (0xFFCF0009)
YUV	62.9190, -26.5821, 126.3590
Hunter-Lab	36.4742, 62.5180, 23.1440

Details

The YIQ color **62.9190, 120.4830, 46.6830** 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 **144.0810, -120.4830, -46.6830**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.4530, 109.3910, 27.4310**, and **42.4580, 84.6320, 30.1040** is the 20% darker color. If you saturate the color by 10%, you get **62.9190, 120.4830, 46.6830**, and if you desaturate by 10%, it is **77.5260, 108.2880, 41.9200**.

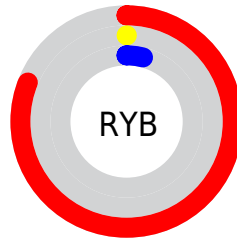
Distribution



Red (81%)

Green (0%)

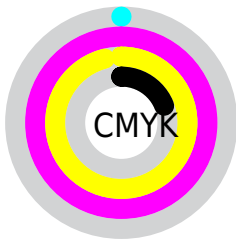
Blue (4%)



Red (81%)

Yellow (0%)

Blue (4%)

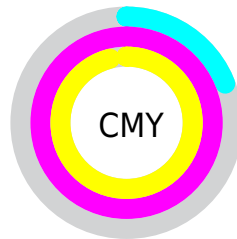


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (19%)



Cyan (19%)


Magenta (100%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 62.9190, 120.4830, 46.6830 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 62.9190, 120.4830, 46.6830 by changing the saturation by 10% instead.


 62.9190, 120.4830,
46.6830


 62.9190, 120.4830,
46.6830


 253.9740, 2.8890,
-2.7990


 52.3250, 104.3000,
37.1000


 133.4530,
109.3910, 27.4310

 42.4580, 84.6320,
30.1040


 153.9130, 93.1160,
19.5160

 32.8900, 65.5600,
23.3200

 173.7860, 77.1160,
12.1240

 24.1480, 47.0380,
17.5820

 193.7730, 60.7950,
5.0430


 14.8790, 28.5620,
11.0100


 213.7600, 44.4740,
-2.0380


 0.0000, 0.0000,
0.0000


 234.5620, 27.2360,


-9.0200


 250.6680, 12.1980,
-11.8180


 62.9190, 120.4830,
46.6830

 77.5260, 108.2880,
41.9200

 91.5460, 96.3680,
37.6800

 106.1530, 84.1730,
32.9170

 120.6460, 72.2990,
27.8430

 135.2530, 60.1040,
23.0800

■ 149.2730, 48.1840,
18.8400

■ 163.8800, 35.9890,
14.0770

■ 178.4870, 23.7940,
9.3140

■ 192.3930, 12.1950,
4.7630

Harmonies

Analogous

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



76.0680, 105.0270, 73.4990



62.9190, 120.4830, 46.6830



94.8330, 77.7610, -5.0790

Triad

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



62.9190, 120.4830, 46.6830



79.4510, -48.7280, -53.0480



90.6080, -109.0790, 22.0010

Complementary

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



62.9190, 120.4830, 46.6830



144.0810, -120.4830, -46.6830

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.



100.1480, -111.1400, 9.7880



62.9190, 120.4830, 46.6830



90.2180, -74.9120, -30.0480

Square

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



62.9190, 120.4830, 46.6830



71.0270, -33.2750, -63.2830



98.1980, -97.3820, -8.2780



101.5340, -16.8370, 57.3630

Rectangle

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



62.9190, 120.4830, 46.6830



96.3850, 49.0630, -24.6410



98.1980, -97.3820, -8.2780



95.5320, -111.9210, 18.4390

Sweetspot

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



62.9190, 120.4830, 46.6830



202.0660, 44.3330, 17.0450



82.5010, 50.9650, 106.1410



95.9820, 26.7740, 10.3740



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.



62.9190, 120.4830, 46.6830



77.4990, 148.4490, 57.4810



116.4840, 97.7970, -4.7550



97.4030, 6.2350, 2.6430



51.0300, 97.8810, 37.7930



12.4870, 23.7940, 9.3140

Inverse Universe

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



62.9190, 120.4830, 46.6830



77.4990, 148.4490, 57.4810



90.5160, -97.7970, 4.7550



97.4030, 6.2350, 2.6430



51.0300, 97.8810, 37.7930



12.4870, 23.7940, 9.3140

Previews

White Background



This preview shows how the YIQ color 62.9190, 120.4830, 46.6830 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 62.9190, 120.4830, 46.6830 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 62.9190, 120.4830, 46.6830

Background



This preview shows how black text looks on a background with the YIQ color 62.9190, 120.4830, 46.6830.



This preview shows how white text looks on a background with the YIQ color 62.9190, 120.4830,

46.6830.

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

62.9190, 120.4830, 46.6830

Protanopia

99.9240, 31.5480, -21.0920

Deuteranopia

97.5810, 51.4470, -23.7930



Tritanopia

72.7470, 117.5510, 33.7350

Trichromacy



Original Color

62.9190, 120.4830, 46.6830

Protanomaly

86.6870, 63.9130, 3.6010

Deuteranomaly

84.8640, 76.4760, 1.6920

Tritanomaly

68.9800, 118.5130, 38.3290

Monochromacy



Original Color

62.9190, 120.4830, 46.6830

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.7670, 43.7370, 16.8330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.9190, 120.4830, 46.6830 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(207, 0, 9)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 9)  
}
```

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(207, 0, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 9) }
```

Border

The CSS property to change the border of an element to YIQ 62.9190, 120.4830, 46.6830 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(207, 0, 9) }
```


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

```
.border{ border-color:rgb(207, 0, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 0, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(207, 0, 9); box-shadow:4px  
4px 4px 4px rgb(207, 0, 9) }
```

Background

The CSS property to change the background color of an element to YIQ 62.9190, 120.4830, 46.6830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 0, 9) }
```

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

```
.background{ background-color: rgb(207, 0,  
9) }
```

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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