

Converting Colors

YIQ(63.9020, 119.1530, 48.7610)

Have a look what the booklet for
YIQ(63.9020, 119.1530, 48.7610)
contains.

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Color

**YIQ(63.9020, 119.1530,
48.7610)**

Conversions

Conversions Part 1

Format	Color
Hex	D0000F
RGB	208, 0, 15
RGB Percent	82%, 0%, 6%
CMY	0.1838, 0.9998, 0.9407
CMYK	0.00, 1.00, 0.93, 0.18
HSL	356°, 100%, 41%
HSV	356°, 100%, 82%
XYZ	26.1357, 13.4634, 1.6775
YIQ	63.9020, 119.1530, 48.7610

Conversions

Conversions Part 2

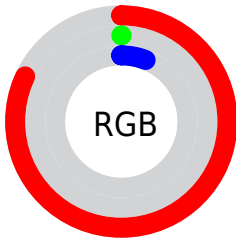
Format	Color
RYB	208, 0, 15
Decimal	13631503
CIELab	43.45, 68.87, 52.74
CIELCh	43, 86.748, 37.443
Yxy	13.4634, 0.6332, 0.3262
Android (android.graphics.Color)	4291821583 (0xFFD0000F)
YUV	63.9020, -24.1087, 126.3739
Hunter-Lab	36.6925, 62.9319, 22.9741

Details

The YIQ color **63.9020, 119.1530, 48.7610** 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 **144.0980, -119.1530, -48.7610**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **133.9090, 108.1070, 28.6750**, and **42.7570, 85.2280, 30.3160** is the 20% darker color. If you saturate the color by 10%, you get **63.9020, 119.1530, 48.7610**, and if you desaturate by 10%, it is **78.3950, 107.2790, 43.6870**.

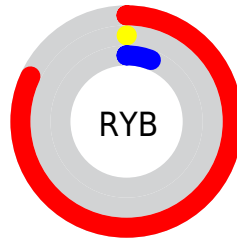
Distribution



Red (82%)

Green (0%)

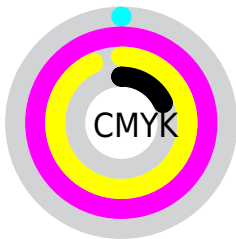
Blue (6%)



Red (82%)

Yellow (0%)

Blue (6%)

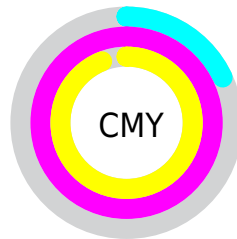


Cyan (0%)

Magenta (100%)

Yellow (93%)

Black (18%)



Cyan (18%)

Magenta (100%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 63.9020, 119.1530, 48.7610 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 63.9020, 119.1530, 48.7610 by changing the saturation by 10% instead.

■ 63.9020, 119.1530,
48.7610

■ 63.9020, 119.1530,
48.7610

■ 254.4300, 1.6050,
-1.5550

■ 52.6240, 104.8960,
37.3120

■ 133.9090,
108.1070, 28.6750

■ 42.7570, 85.2280,
30.3160

■ 154.3690, 91.8320,
20.7600

■ 33.1890, 66.1560,
23.5320

■ 174.2420, 75.8320,
13.3680

■ 24.4470, 47.6340,
17.7940

■ 194.2290, 59.5110,
6.2870


■ 15.1780, 29.1580,
11.2220


■ 214.9170, 42.5940,
-1.0060


■ 0.0000, 0.0000,
0.0000


■ 235.6050, 25.6770,


-8.2990


 251.1240, 10.9140,
-10.5740


 63.9020, 119.1530,
48.7610

 78.3950, 107.2790,
43.6870

 93.0020, 95.0840,
38.9240

 106.9080, 83.4850,
34.3730

 121.4010, 71.6110,
29.2990

 136.0080, 59.4160,
24.5360

■ 150.5010, 47.5420,
19.4620

■ 164.9940, 35.6680,
14.3880

■ 179.6010, 23.4730,
9.6250

■ 193.5070, 11.8740,
5.0740

Harmonies

Analogous

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



76.5240, 103.7430, 74.7430



63.9020, 119.1530, 48.7610



95.4310, 78.9530, -4.6550

Triad

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



63.9020, 119.1530, 48.7610



79.8100, -48.3610, -54.1930



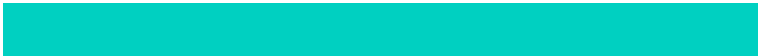
91.7820, -109.6290, 20.9550

Complementary

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



63.9020, 119.1530, 48.7610



144.0980, -119.1530, -48.7610

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.



100.5070, -110.7730, 8.6430



63.9020, 119.1530, 48.7610



89.9900, -74.2700, -30.6700

Square

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



63.9020, 119.1530, 48.7610



71.0270, -33.2750, -63.2830



98.5570, -97.0150, -9.4230



101.6260, -20.0920, 55.7800

Rectangle

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



63.9020, 119.1530, 48.7610



96.6950, 51.1260, -23.4820



98.5570, -97.0150, -9.4230



96.0050, -111.8750, 17.6050

Sweetspot

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



63.9020, 119.1530, 48.7610



202.2940, 43.6910, 17.6670



80.8210, 47.0680, 105.1800



96.0960, 26.4530, 10.6850



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.



63.9020, 119.1530, 48.7610



78.2970, 146.2020, 59.6580



113.2610, 100.0430, -1.4050



97.4030, 6.2350, 2.6430



51.6000, 96.2760, 39.3480



12.6010, 23.4730, 9.6250

Inverse Universe

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



63.9020, 119.1530, 48.7610



78.2970, 146.2020, 59.6580



94.7390, -100.0430, 1.4050



97.4030, 6.2350, 2.6430



51.6000, 96.2760, 39.3480



12.6010, 23.4730, 9.6250

Previews

White Background



This preview shows how the YIQ color 63.9020, 119.1530, 48.7610 looks on a white background.

Color Contrast Check

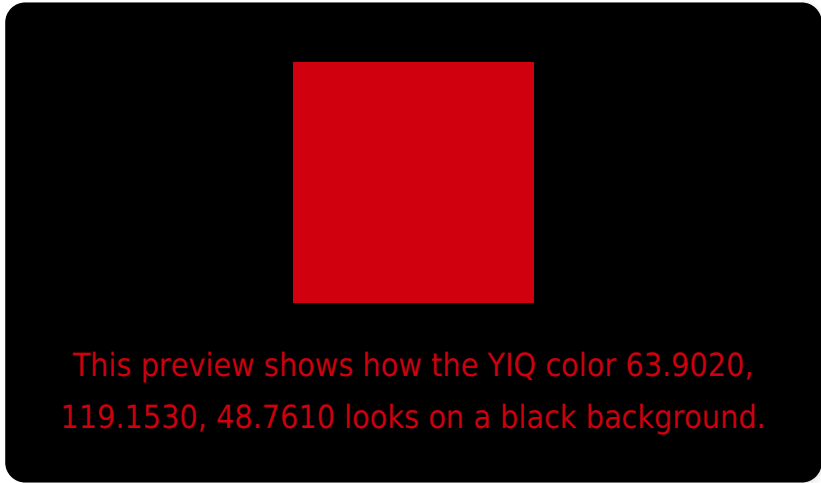
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 63.9020, 119.1530, 48.7610

Background



This preview shows how black text looks on a background with the YIQ color 63.9020, 119.1530, 48.7610.



This preview shows how white text looks on a background with the YIQ color 63.9020, 119.1530,

48.7610.

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

63.9020, 119.1530, 48.7610

Protanopia

100.7930, 30.5390, -19.3250

Deuteranopia

98.1680, 51.1720, -24.3160



Tritanopia

73.0460, 118.1470, 33.9470

Trichromacy



Original Color

63.9020, 119.1530, 48.7610

Protanomaly

87.5560, 62.9040, 5.3680

Deuteranomaly

85.9780, 76.1550, 2.0030

Tritanomaly

69.5070, 118.4670, 39.1630

Monochromacy



Original Color

63.9020, 119.1530, 48.7610

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

63.9950, 43.0950, 17.4550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.9020, 119.1530, 48.7610 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(208, 0, 15)` looks like.

```
.text, #text, p{  
    color:rgb(208, 0, 15)  
}
```

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(208, 0, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 0, 15) }
```

Border

The CSS property to change the border of an element to YIQ 63.9020, 119.1530, 48.7610 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(208, 0, 15) }
```


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

```
.border{ border-color:rgb(208, 0, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 0, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 0, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 0, 15);  
box-shadow:4px 4px 4px 4px rgb(208, 0, 15)  
}
```

Background

The CSS property to change the background color of an element to YIQ 63.9020, 119.1530, 48.7610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 0, 15) }
```

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

```
.background{ background-color: rgb(208, 0,  
15) }
```

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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