

Converting Colors

`YIQ(63.2030, 125.4350, 45.0430)`

Have a look what the booklet for
YIQ(63.2030, 125.4350, 45.0430)
contains.

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Color

**YIQ(63.2030, 125.4350,
45.0430)**

Conversions

Conversions Part 1

Format	Color
Hex	D30001
RGB	211, 0, 1
RGB Percent	83%, 0%, 0%
CMY	0.1720, 0.9998, 0.9956
CMYK	0.00, 1.00, 0.99, 0.17
HSL	360°, 100%, 41%
HSV	360°, 100%, 83%
XYZ	26.9069, 13.8703, 1.2914
YIQ	63.2030, 125.4350, 45.0430

Conversions

Conversions Part 2

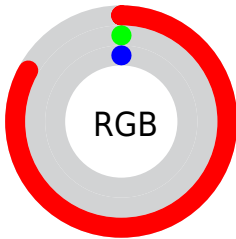
Format	Color
RYB	211, 0, 1
Decimal	13828097
CIELab	44.05, 69.49, 57.92
CIELCh	44, 90.458, 39.812
Yxy	13.8703, 0.6396, 0.3297
Android (android.graphics.Color)	4292018177 (0xFFD30001)
YUV	63.2030, -30.6661, 129.6180
Hunter-Lab	37.2428, 63.7861, 24.0140

Details

The YIQ color **63.2030, 125.4350, 45.0430** 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 **147.7970, -125.4350, -45.0430**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.4700, 110.7210, 25.3530**, and **43.6540, 87.0160, 30.9520** is the 20% darker color. If you saturate the color by 10%, you get **63.2030, 125.4350, 45.0430**, and if you desaturate by 10%, it is **77.9240, 112.9190, 40.5910**.

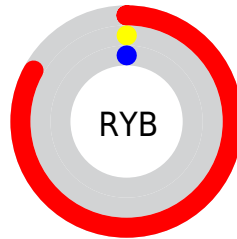
Distribution



Red (83%)

Green (0%)

Blue (0%)



Red (83%)

Yellow (0%)

Blue (0%)

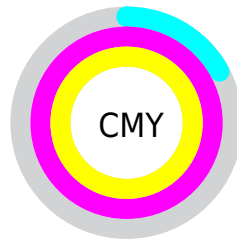


Cyan (0%)

Magenta (100%)

Yellow (99%)

Black (17%)



Cyan (17%)


Magenta (100%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 63.2030, 125.4350, 45.0430 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 63.2030, 125.4350, 45.0430 by changing the saturation by 10% instead.


 63.2030, 125.4350,
45.0430


 63.2030, 125.4350,
45.0430


 253.4040, 4.4940,
-4.3540


 53.2220, 106.0880,
37.7360


 133.4700,
110.7210, 25.3530

 43.6540, 87.0160,
30.9520


 153.9300, 94.4460,
17.4380


 34.0860, 67.9440,
24.1680


 173.8030, 78.4460,
10.0460

 25.0450, 48.8260,
18.2180

 193.7900, 62.1250,
2.9650

 16.0750, 30.9460,
11.8580

 214.4780, 45.2080,
-4.3280

 0.5980, 1.1920,
0.4240


 234.5790, 28.5660,


 0.0000, 0.0000,


-11.0980


0.0000


 250.0980, 13.8030,
-13.3730


 63.2030, 125.4350,
45.0430

 77.9240, 112.9190,
40.5910

 92.6450, 100.4030,
36.1390

 107.3660, 87.8870,
31.6870

 122.0870, 75.3710,
27.2350

 137.3950, 62.5800,
22.2600

■ 152.1160, 50.0640,
17.8080

■ 166.8370, 37.5480,
13.3560

■ 181.5580, 25.0320,
8.9040

■ 196.2790, 12.5160,
4.4520

Harmonies

Analogous

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



77.7480, 108.9240, 74.4600



63.2030, 125.4350, 45.0430



96.8930, 77.5320, -6.4360

Triad

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



63.2030, 125.4350, 45.0430



81.6680, -50.8370, -53.3730



92.4660, -111.5550, 22.8210

Complementary

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



63.2030, 125.4350, 45.0430



147.7970, -125.4350, -45.0430

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.



102.8210, -114.5330, 10.7070



63.2030, 125.4350, 45.0430



92.6630, -77.6630, -29.7510

Square

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



63.2030, 125.4350, 45.0430



72.7880, -34.1000, -64.8520



100.8710, -100.7750, -7.3590



103.2080, -12.8030, 61.3490

Rectangle

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



63.2030, 125.4350, 45.0430



98.1460, 48.2380, -26.2100



100.8710, -100.7750, -7.3590



97.1620, -113.7550, 18.6370

Sweetspot

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



63.2030, 125.4350, 45.0430



201.7240, 45.2960, 16.1120



86.2460, 56.2370, 109.7170



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.



63.2030, 125.4350, 45.0430



76.3590, 151.6590, 54.3710



122.9630, 97.7060, -8.6140



97.2890, 6.5560, 2.3320



50.3460, 99.8070, 35.9270



12.2590, 24.4360, 8.6920

Inverse Universe

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



63.2030, 125.4350, 45.0430



76.3590, 151.6590, 54.3710



88.0370, -97.7060, 8.6140



97.2890, 6.5560, 2.3320



50.3460, 99.8070, 35.9270



12.2590, 24.4360, 8.6920

Previews

White Background



This preview shows how the YIQ color 63.2030, 125.4350, 45.0430 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 63.2030, 125.4350, 45.0430

Background



This preview shows how black text looks on a background with the YIQ color 63.2030, 125.4350, 45.0430.



This preview shows how white text looks on a background with the YIQ color 63.2030, 125.4350,

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

63.2030, 125.4350, 45.0430

Protanopia

101.7670, 33.4280, -22.1240

Deuteranopia

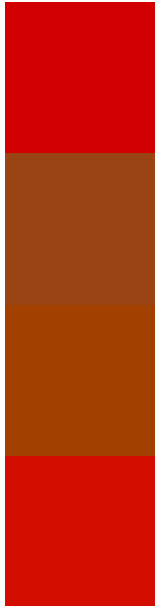
99.3530, 52.0890, -24.4150



Tritanopia

74.2310, 119.0640, 33.8480

Trichromacy



Original Color

63.2030, 125.4350, 45.0430

Protanomaly

87.7150, 66.7100, 2.4700

Deuteranomaly

86.0060, 78.9520, 0.8720

Tritanomaly

70.4210, 121.5850, 37.7210

Monochromacy



Original Color

63.2030, 125.4350, 45.0430

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.1370, 45.5710, 16.6350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.2030, 125.4350, 45.0430 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(211, 0, 1)` looks like.

```
.text, #text, p{  
    color:rgb(211, 0, 1)  
}
```

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(211, 0, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 0, 1) }
```

Border

The CSS property to change the border of an element to YIQ 63.2030, 125.4350, 45.0430 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(211, 0, 1) }
```


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

```
.border{ border-color:rgb(211, 0, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 0, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 0, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(211, 0, 1); box-shadow:4px  
4px 4px 4px rgb(211, 0, 1) }
```

Background

The CSS property to change the background color of an element to YIQ 63.2030, 125.4350, 45.0430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 0, 1) }
```

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

```
.background{ background-color: rgb(211, 0,  
1) }
```

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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