

Converting Colors

YIQ(85.1090, 105.8090, 59.3210)

Have a look what the booklet for
YIQ(85.1090, 105.8090, 59.3210)
contains.

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Color

**YIQ(85.1090, 105.8090,
59.3210)**

Conversions

Conversions Part 1

Format	Color
Hex	DF1245
RGB	223, 18, 69
RGB Percent	87%, 7%, 27%
CMY	0.1250, 0.9296, 0.7290
CMYK	0.00, 0.92, 0.69, 0.12
HSL	345°, 85%, 47%
HSV	345°, 92%, 88%
XYZ	31.7644, 16.5697, 7.1701
YIQ	85.1090, 105.8090, 59.3210

Conversions

Conversions Part 2

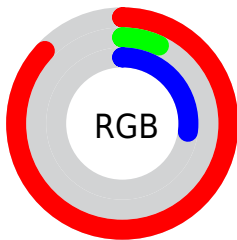
Format	Color
RYB	223, 18, 69
Decimal	14619205
CIELab	47.71, 72.35, 29.09
CIElCh	48, 77.981, 21.900
Yxy	16.5697, 0.5723, 0.2985
Android (android.graphics.Color)	4292809285 (0xFFDF1245)
YUV	85.1090, -7.9417, 120.9304
Hunter-Lab	40.7059, 68.0549, 18.0505

Details

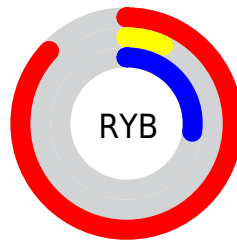
The YIQ color **85.1090, 105.8090, 59.3210** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **155.8910, -105.8090, -59.3210**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **145.3480, 88.2980, 40.7620**, and **50.6190, 86.0970, 42.1050** is the 20% darker color. If you saturate the color by 10%, you get **73.0610, 114.9320, 64.6920**, and if you desaturate by 10%, it is **99.9610, 94.3020, 53.1020**.

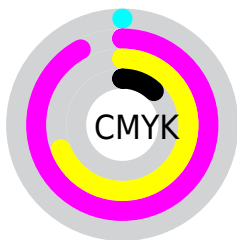
Distribution



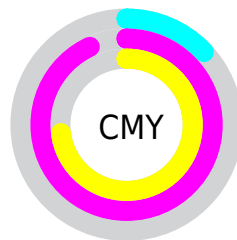
- Red (87%)
- Green (7%)
- Blue (27%)



- Red (87%)
- Yellow (7%)
- Blue (27%)



- Cyan (0%)
- Magenta (92%)
- Yellow (69%)
- Black (12%)





- Cyan (13%)
- Magenta (93%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 85.1090, 105.8090, 59.3210 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 85.1090, 105.8090, 59.3210 by changing the saturation by 10% instead.


 85.1090, 105.8090,
59.3210


 85.1090, 105.8090,
59.3210


255.0000, -0.0000,
-0.0000


 62.4670, 98.7490,
55.1090


 145.3480, 88.2980,
40.7620


 50.6190, 86.0970,
42.1050


 165.9220, 71.7020,
33.1580


 38.3860, 75.9670,
27.4470


 186.4960, 55.1060,
25.5540

 28.9320, 56.5740,
20.9740

 206.5970, 38.4640,
18.7840

 20.3750, 38.9690,
15.1370

 227.3990, 21.2260,
11.8020

 9.9810, 19.3470,
7.3070

 248.3150, 3.6670,

 0.0000, 0.0000,

5.1310

0.0000

■ 85.1090, 105.8090,
59.3210

■ 85.1090, 105.8090,
59.3210

■ 73.0610, 114.9320,
64.6920

■ 99.9610, 94.3020,
53.1020


■ 115.4000, 82.5200,
46.3600


■ 130.1380, 71.3340,
39.8300


■ 144.9900, 59.8270,
33.6110

■ 160.4290, 48.0450,
26.8690

■ 175.2810, 36.5380,
20.6500

 190.0190, 25.3520,
14.1200

 204.8710, 13.8450,
7.9010

 220.3100, 2.0630,
1.1590

Harmonies

Analogous

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



80.4580, 86.9140, 87.8900



85.1090, 105.8090, 59.3210



100.8790, 98.4830, 4.8430

Triad

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



85.1090, 105.8090, 59.3210



80.7270, -41.2980, -66.5620



102.4790, -113.5700, 9.7740

Complementary

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



85.1090, 105.8090, 59.3210



155.8910, -105.8090, -59.3210

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.



105.7440, -107.6070, -4.6870



85.1090, 105.8090, 59.3210



92.1950, -68.0780, -43.7740

Square

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



85.1090, 105.8090, 59.3210



100.2960, 20.7320, -45.3480



101.1210, -90.4560, -23.6720



101.2220, -78.4530, 28.6430

Rectangle

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



85.1090, 105.8090, 59.3210



106.5950, 75.1950, -13.6450



101.1210, -90.4560, -23.6720



104.8440, -113.3400, 5.6040

Sweetspot

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



85.1090, 105.8090, 59.3210



207.1670, 36.8590, 20.3390



87.4160, 25.9790, 96.4030



98.4100, 22.6930, 12.7490



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.



85.1090, 105.8090, 59.3210



83.5410, 131.4360, 73.9640



109.2320, 108.1550, 16.7870



104.6310, 5.5930, 3.2650



57.6400, 90.7720, 50.9960



15.7200, 24.7560, 13.9080

Inverse Universe

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



85.1090, 105.8090, 59.3210



83.5410, 131.4360, 73.9640



131.7680, -108.1550, -16.7870



104.6310, 5.5930, 3.2650



57.6400, 90.7720, 50.9960



15.7200, 24.7560, 13.9080

Previews

White Background



This preview shows how the YIQ color 85.1090, 105.8090, 59.3210 looks on a white background.

Color Contrast Check

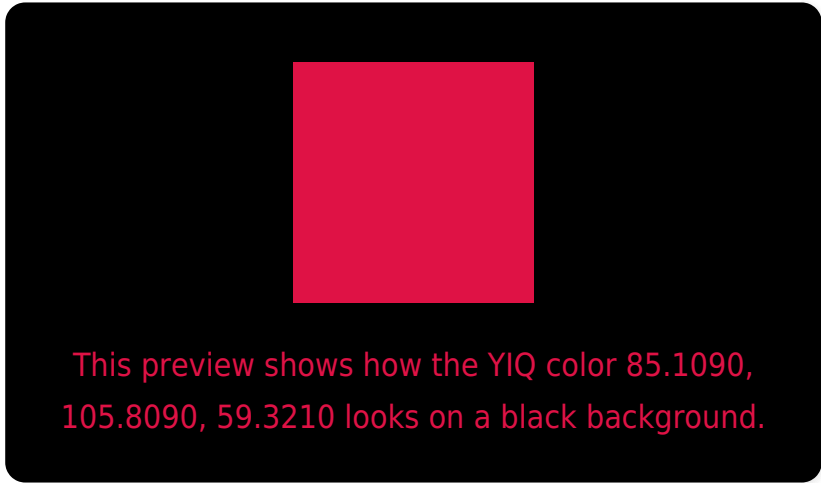
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.1090, 105.8090, 59.3210

Background



This preview shows how black text looks on a background with the YIQ color 85.1090, 105.8090, 59.3210.

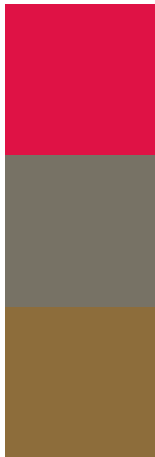


This preview shows how white text looks on a background with the YIQ color 85.1090, 105.8090,

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

85.1090, 105.8090, 59.3210

Protanopia

114.0130, 7.1530, -2.9830

Deuteranopia

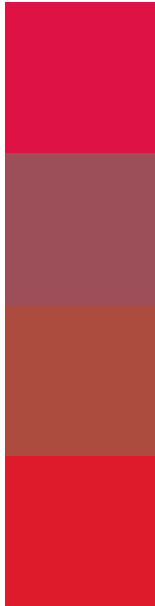
112.8680, 35.1220, -8.7660



Tritanopia

88.3540, 114.5240, 39.0360

Trichromacy



Original Color

85.1090, 105.8090, 59.3210

Protanomaly

103.4620, 43.2780, 19.6460

Deuteranomaly

102.9230, 60.7930, 16.0970

Tritanomaly

87.1290, 111.0840, 46.3160

Monochromacy



Original Color

85.1090, 105.8090, 59.3210

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

85.1780, 38.3260, 21.2860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.1090, 105.8090, 59.3210 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(223, 18, 69)` looks like.

```
.text, #text, p{  
    color:rgb(223, 18, 69)  
}
```

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(223, 18, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 18, 69) }
```

Border

The CSS property to change the border of an element to YIQ 85.1090, 105.8090, 59.3210 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(223, 18, 69) }
```


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

```
.border{ border-color:rgb(223, 18, 69) }
```

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

Here you see how a box with a 4 pixel rgb(223, 18, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 18, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 18, 69);  
box-shadow:4px 4px 4px 4px rgb(223, 18,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 85.1090, 105.8090, 59.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 18, 69) }
```

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

```
.background{ background-color: rgb(223, 18,  
69) }
```

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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