

Converting Colors

YIQ(88.3990, 93.4290, 63.4210)

Have a look what the booklet for
YIQ(88.3990, 93.4290, 63.4210)
contains.

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Color

**YIQ(88.3990, 93.4290,
63.4210)**

Conversions

Conversions Part 1

Format	Color
Hex	D9165D
RGB	217, 22, 93
RGB Percent	85%, 9%, 36%
CMY	0.1485, 0.9139, 0.6350
CMYK	0.00, 0.90, 0.57, 0.15
HSL	338°, 82%, 47%
HSV	338°, 90%, 85%
XYZ	30.9185, 16.1340, 11.8592
YIQ	88.3990, 93.4290, 63.4210

Conversions

Conversions Part 2

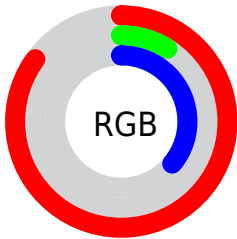
Format	Color
RYB	217, 22, 93
Decimal	14227037
CIELab	47.15, 71.67, 13.37
CIElCh	47, 72.910, 10.563
Yxy	16.1340, 0.5248, 0.2739
Android (android.graphics.Color)	4292417117 (0xFFD9165D)
YUV	88.3990, 2.2683, 112.7831
Hunter-Lab	40.1672, 67.1071, 10.6118

Details

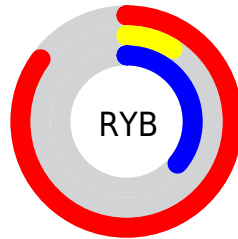
The YIQ color **88.3990, 93.4290, 63.4210** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **150.6010, -93.4290, -63.4210**, and the grayscale version is **88.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **148.8990, 79.6770, 48.3250**, and **51.8170, 76.9720, 47.7880** is the 20% darker color. If you saturate the color by 10%, you get **73.8890, 103.9730, 70.5730**, and if you desaturate by 10%, it is **102.9090, 82.8850, 56.2690**.

Distribution



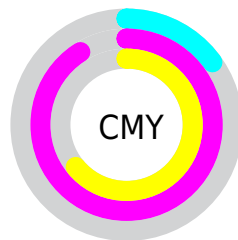
- Red (85%)
- Green (9%)
- Blue (36%)



- Red (85%)
- Yellow (9%)
- Blue (36%)



- Cyan (0%)
- Magenta (90%)
- Yellow (57%)
- Black (15%)



- Cyan (15%)
- Magenta (91%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 88.3990, 93.4290, 63.4210 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 88.3990, 93.4290, 63.4210 by changing the saturation by 10% instead.

■ 88.3990, 93.4290,
63.4210

■ 88.3990, 93.4290,
63.4210

■ 255.0000, -0.0000,
-0.0000

■ 63.5940, 88.3860,
61.2020

■ 148.8990, 79.6770,
48.3250

■ 51.8170, 76.9720,
47.7880

■ 169.4730, 63.0810,
40.7210

■ 40.2680, 64.9160,
34.9960

■ 190.1610, 46.1640,
33.4280

■ 28.3340, 55.3820,
20.5500

■ 210.3760, 29.2010,
26.9690

■ 19.7770, 37.7770,
14.7130

■ 231.2920, 11.6420,
20.2980

■ 9.0840, 17.5590,
6.6710

■ 249.1300, 2.7500,

■ 0.0000, 0.0000,

5.2300

0.0000

■ 88.3990, 93.4290,
63.4210

■ 88.3990, 93.4290,
63.4210

■ 73.8890, 103.9730,
70.5730

■ 102.9090, 82.8850,
56.2690

■ 116.8320, 72.6160,
49.6400

■ 131.2280, 62.3930,
42.1770

■ 145.7380, 51.8490,
35.0250

■ 160.2480, 41.3050,
27.8730

■ 174.1710, 31.0360,
21.2440

■ 188.6810, 20.4920,
14.0920

■ 203.0770, 10.2690,
6.6290

■ 217.0000, -0.0000,
0.0000

Harmonies

Analogous

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



102.2980, 57.3450, 67.5930



88.3990, 93.4290, 63.4210



99.9780, 94.4910, 22.1310

Triad

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



88.3990, 93.4290, 63.4210



87.6830, -11.6350, -58.9870



102.4160, -109.2590, 3.2290

Complementary

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



88.3990, 93.4290, 63.4210



150.6010, -93.4290, -63.4210

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.



102.1930, -98.9860, -12.2500



88.3990, 93.4290, 63.4210



86.9970, -58.9530, -49.4570

Square

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



88.3990, 93.4290, 63.4210



102.7760, 37.2360, -36.0760



96.1680, -80.6430, -30.8110



93.0070, -106.1890, 13.6750

Rectangle

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



88.3990, 93.4290, 63.4210



103.7260, 85.3720, -5.3480



96.1680, -80.6430, -30.8110



103.0370, -106.8740, -1.4500

Sweetspot

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



88.3990, 93.4290, 63.4210



209.4810, 33.0990, 22.4030



81.3060, 11.3090, 86.9330



100.9690, 19.6210, 13.3570



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.



88.3990, 93.4290, 63.4210



86.8470, 122.1270, 82.9830



95.5670, 109.0700, 27.7420



102.7450, 5.2720, 3.5760



58.9090, 82.8850, 56.2690



15.6920, 21.9590, 15.0390

Inverse Universe

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



88.3990, 93.4290, 63.4210



86.8470, 122.1270, 82.9830



143.4330, -109.0700, -27.7420



102.7450, 5.2720, 3.5760



58.9090, 82.8850, 56.2690



15.6920, 21.9590, 15.0390

Previews

White Background



This preview shows how the YIQ color 88.3990, 93.4290, 63.4210 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 88.3990, 93.4290, 63.4210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

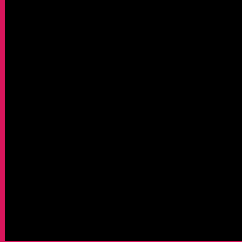
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 88.3990, 93.4290, 63.4210

Background



This preview shows how black text looks on a background with the YIQ color 88.3990, 93.4290, 63.4210.



This preview shows how white text looks on a background with the YIQ color 88.3990, 93.4290,

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

88.3990, 93.4290, 63.4210

Protanopia

113.4970, -8.5290, 5.8950

Deuteranopia

112.7390, 22.6040, -2.1640



Tritanopia

93.0260, 103.7040, 36.8880

Trichromacy



Original Color

88.3990, 93.4290, 63.4210

Protanomaly

104.0770, 28.6050, 26.7570

Deuteranomaly

104.1530, 48.6420, 21.5540

Tritanomaly

91.3820, 100.1260, 46.6700

Monochromacy



Original Color

88.3990, 93.4290, 63.4210

Achromatopsia

88.0000, -0.0000, -0.0000

Achromatomaly

88.1930, 33.9700, 23.1380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.3990, 93.4290, 63.4210 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, 22, 93)` looks like.

```
.text, #text, p{  
    color:rgb(217, 22, 93)  
}
```

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, 22, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 22, 93) }
```

Border

The CSS property to change the border of an element to YIQ 88.3990, 93.4290, 63.4210 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, 22, 93) }
```


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

```
.border{ border-color:rgb(217, 22, 93) }
```

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

Here you see how a box with a 4 pixel rgb(217, 22, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 22, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 22, 93);  
box-shadow:4px 4px 4px 4px rgb(217, 22,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 88.3990, 93.4290, 63.4210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 22, 93) }
```

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

```
.background{ background-color: rgb(217, 22,  
93) }
```

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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