

Converting Colors

YIQ(90.6170, 65.4980, 112.5860)

Have a look what the booklet for
YIQ(90.6170, 65.4980, 112.5860)
contains.

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Color

**YIQ(90.6170, 65.4980,
112.5860)**

Conversions

Conversions Part 1

Format	Color
Hex	DF00D2
RGB	223, 0, 210
RGB Percent	87%, 0%, 82%
CMY	0.1248, 0.9999, 0.1764
CMYK	0.00, 1.00, 0.06, 0.12
HSL	304°, 100%, 44%
HSV	304°, 100%, 88%
XYZ	42.1194, 20.3692, 62.7007
YIQ	90.6170, 65.4980, 112.5860

Conversions

Conversions Part 2

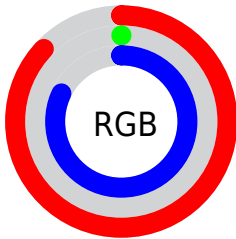
Format	Color
R_{YB}	223, 0, 210
Decimal	14614738
CIE _{Lab}	52.25, 87.01, -48.72
CIE _{LCh}	52, 99.719, 330.755
Yxy	20.3692, 0.3364, 0.1627
Android (android.graphics.Color)	4292804818 (0xFFDF00D2)
YUV	90.6170, 58.8558, 116.0999
Hunter-Lab	45.1322, 87.6027, -50.7771

Details

The YIQ color **90.6170, 65.4980, 112.5860** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **132.3830, -65.4980, -112.5860**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **162.2540, 43.4500, 82.6340**, and **66.4070, 47.3930, 82.7610** is the 20% darker color. If you saturate the color by 10%, you get **90.6170, 65.4980, 112.5860**, and if you desaturate by 10%, it is **103.6450, 59.1270, 101.3910**.

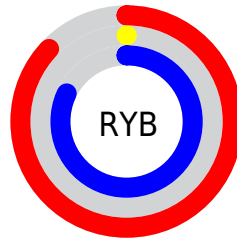
Distribution



Red (87%)

Green (0%)

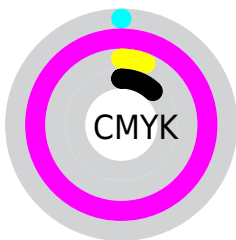
Blue (82%)



Red (87%)

Yellow (0%)

Blue (82%)

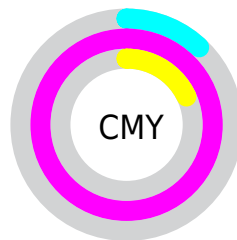


Cyan (0%)

Magenta (100%)

Yellow (6%)

Black (12%)



Cyan (12%)


Magenta (100%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.6170, 65.4980, 112.5860 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 90.6170, 65.4980, 112.5860 by changing the saturation by 10% instead.


 90.6170, 65.4980,
112.5860


 90.6170, 65.4980,
112.5860


255.0000, -0.0000,
-0.0000


 78.4550, 56.6060,
97.5180


 162.2540, 43.4500,
82.6340


 66.4070, 47.3930,
82.7610


 181.0380, 34.6500,
65.8980

 54.3590, 38.1800,
68.0040


 198.6480, 26.4000,
50.2080

 42.7240, 29.2420,
53.7700

 216.8450, 17.8750,
33.9950

 31.9150, 20.8540,
40.5820

 234.4550, 9.6250,
18.3050

 20.2090, 10.6780,
26.7580

 252.6520, 1.1000,

 5.3280, -6.3750,

2.0920

10.9130

■ 0.2280, -0.6420,
0.6220

■ 0.0000, 0.0000,
0.0000

■ 90.6170, 65.4980,
112.5860

■ 103.6450, 59.1270,
101.3910

■ 117.3740, 52.1600,
89.9840

■ 130.4020, 45.7890,
78.7890

■ 143.4300, 39.4180,
67.5940

■ 157.1590, 32.4510,
56.1870

■ 170.1870, 26.0800,
44.9920

■ 183.2150, 19.7090,
33.7970

■ 196.9440, 12.7420,
22.3900

■ 209.9720, 6.3710,
11.1950

Harmonies

Analogous

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



117.9690, -49.1590, 48.4170



90.6170, 65.4980, 112.5860



90.7230, 111.2130, 93.5570

Triad

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



90.6170, 65.4980, 112.5860



117.0510, 55.5750, -32.5290



116.8000, -111.1810, -17.0130

Complementary

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



90.6170, 65.4980, 112.5860



132.3830, -65.4980, -112.5860

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.



106.4090, -83.3000, -43.2360



90.6170, 65.4980, 112.5860



100.6850, -5.9490, -62.9170

Square

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



90.6170, 65.4980, 112.5860



112.4190, 105.5900, 2.6940



92.5470, -49.7790, -72.5550



119.4680, -124.2050, -1.2370

Rectangle

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



90.6170, 65.4980, 112.5860



84.3390, 129.1890, 76.1410



92.5470, -49.7790, -72.5550



113.7220, -102.5140, -25.4100

Sweetspot

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



90.6170, 65.4980, 112.5860



209.8180, 22.5050, 38.1930



28.7110, -65.0270, 71.6850



100.6560, 13.6130, 23.1250



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.



90.6170, 65.4980, 112.5860



103.6050, 74.9400, 128.7000



78.0770, 100.8080, 78.3760



105.5430, 3.0250, 5.7530



71.5480, 51.6100, 88.9380



19.5960, 13.8420, 24.4820

Inverse Universe

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



90.6170, 65.4980, 112.5860



103.6050, 74.9400, 128.7000



144.9230, -100.8080, -78.3760



105.5430, 3.0250, 5.7530



71.5480, 51.6100, 88.9380



19.5960, 13.8420, 24.4820

Previews

White Background



This preview shows how the YIQ color 90.6170, 65.4980, 112.5860 looks on a white background.

Color Contrast Check

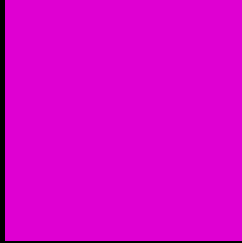
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 90.6170, 65.4980, 112.5860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

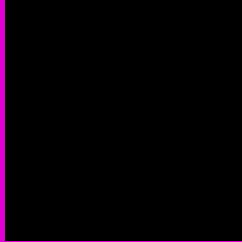
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 90.6170, 65.4980, 112.5860

Background



This preview shows how black text looks on a background with the YIQ color 90.6170, 65.4980, 112.5860.



This preview shows how white text looks on a background with the YIQ color 90.6170, 65.4980,

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

90.6170, 65.4980, 112.5860

Protanopia

108.4580, -99.9090, 21.0110

Deuteranopia

122.7320, -45.4390, 14.0250



Tritanopia

121.8420, 74.6830, 28.6910

Trichromacy



Original Color

90.6170, 65.4980, 112.5860



Protanomaly

102.3340, -39.7610, 54.3110



Deuteranomaly

110.9510, -5.1900, 50.0260



Tritanomaly

110.4440, 71.1930, 58.9130

Monochromacy



Original Color

90.6170, 65.4980, 112.5860



Achromatopsia

91.0000, -0.0000, -0.0000



Achromatomaly

90.8830, 23.8800, 40.8080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.6170, 65.4980, 112.5860 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, 0, 210)` looks like.

```
.text, #text, p{  
    color:rgb(223, 0, 210)  
}
```

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, 0, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 0, 210) }
```

Border

The CSS property to change the border of an element to YIQ 90.6170, 65.4980, 112.5860 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, 0, 210) }
```


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

```
.border{ border-color:rgb(223, 0, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 0, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 0, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 0, 210);  
box-shadow:4px 4px 4px 4px rgb(223, 0,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 90.6170, 65.4980, 112.5860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 0, 210) }
```

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

```
.background{ background-color: rgb(223, 0,  
210) }
```

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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