

Converting Colors

YIQ(92.7250, 65.3140, 115.9220)

Have a look what the booklet for
YIQ(92.7250, 65.3140, 115.9220)
contains.

YIQ(92.7250, 65.3140, 115.9220)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(92.7250, 65.3140,
115.9220)**

Conversions

Conversions Part 1

Format	Color
Hex	E300DA
RGB	227, 0, 218
RGB Percent	89%, 0%, 85%
CMY	0.1091, 0.9999, 0.1450
CMYK	0.00, 1.00, 0.04, 0.11
HSL	302°, 100%, 45%
HSV	302°, 100%, 89%
XYZ	44.3908, 21.4221, 68.1407
YIQ	92.7250, 65.3140, 115.9220

Conversions

Conversions Part 2

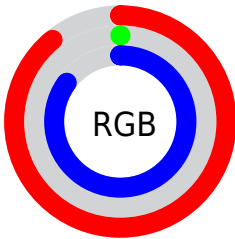
Format	Color
R _Y B	227, 0, 218
Decimal	14876890
CIE Lab	53.41, 88.76, -51.40
CIE LCh	53, 102.567, 329.923
Yxy	21.4221, 0.3314, 0.1599
Android (android.graphics.Color)	4293066970 (0xFFE300DA)
YUV	92.7250, 61.7606, 117.7592
Hunter-Lab	46.2840, 90.2018, -54.8897

Details

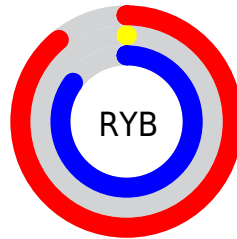
The YIQ color **92.7250, 65.3140, 115.9220** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **134.2750, -65.3140, -115.9220**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **162.8410, 43.1750, 82.1110**, and **68.4010, 47.5300, 85.7860** is the 20% darker color. If you saturate the color by 10%, you get **92.7250, 65.3140, 115.9220**, and if you desaturate by 10%, it is **106.3400, 58.6680, 104.2040**.

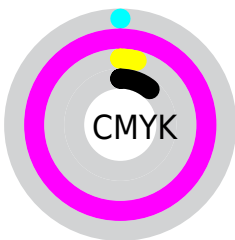
Distribution



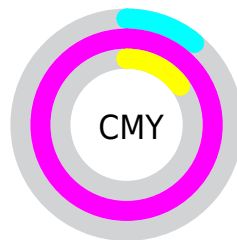
- Red (89%)
- Green (0%)
- Blue (85%)



- Red (89%)
- Yellow (0%)
- Blue (85%)



- Cyan (0%)
- Magenta (100%)
- Yellow (4%)
- Black (11%)



- Cyan (11%)
- Magenta (100%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 92.7250, 65.3140, 115.9220 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 92.7250, 65.3140, 115.9220 by changing the saturation by 10% instead.

92.7250, 65.3140,
115.9220

92.7250, 65.3140,
115.9220

255.0000, -0.0000,
-0.0000

80.5630, 56.4220,
100.8540

162.8410, 43.1750,
82.1110

68.4010, 47.5300,
85.7860

181.6250, 34.3750,
65.3750

56.3530, 38.3170,
71.0290

199.8220, 25.8500,
49.1620

44.7180, 29.3790,
56.7950

217.4320, 17.6000,
33.4720

33.1970, 20.1200,
42.8720

235.6290, 9.0750,
17.2590

21.7900, 10.5400,
29.2600

253.8260, 0.5500,

8.7030, -2.9370,

1.0460

14.6870

■ 2.0690, -4.4480,
3.5200

■ 0.0000, 0.0000,
0.0000

■ 92.7250, 65.3140,
115.9220

■ 106.3400, 58.6680,
104.2040

■ 119.3680, 52.2970,
93.0090

■ 132.9830, 45.6510,
81.2910

■ 146.5980, 39.0050,
69.5730

■ 160.2130, 32.3590,
57.8550

■ 173.2410, 25.9880,
46.6600

■ 186.7420, 19.6630,
34.6310

■ 200.3570, 13.0170,
22.9130

■ 213.3850, 6.6460,
11.7180

Harmonies

Analogous

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



117.9360, -53.5600, 45.5760



92.7250, 65.3140, 115.9220



91.2930, 109.6080, 95.1120

Triad

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



92.7250, 65.3140, 115.9220



120.0190, 58.6010, -32.3030



119.6040, -113.5650, -17.8610

Complementary

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



92.7250, 65.3140, 115.9220



134.2750, -65.3140, -115.9220

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.



108.7570, -84.4000, -45.3280



92.7250, 65.3140, 115.9220



103.6420, -4.3900, -63.6380

Square

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



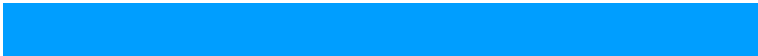
92.7250, 65.3140, 115.9220



114.5120, 109.7620, 4.1780



94.2110, -48.9530, -76.5130



121.8160, -125.3050, -3.3290

Rectangle

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



92.7250, 65.3140, 115.9220



84.7950, 127.9050, 77.3850



94.2110, -48.9530, -76.5130



116.2980, -104.2560, -26.8800

Sweetspot

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



92.7250, 65.3140, 115.9220



210.0460, 21.8630, 38.8150



28.2700, -68.0990, 72.2930



100.7700, 13.2920, 23.4360



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.



92.7250, 65.3140, 115.9220



104.1750, 73.3350, 130.2550



79.9570, 101.2660, 81.0900



107.8420, 3.6210, 5.9650



73.0150, 51.7930, 91.1290



20.8350, 14.6670, 26.0510

Inverse Universe

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



92.7250, 65.3140, 115.9220



104.1750, 73.3350, 130.2550



147.0430, -101.2660, -81.0900



107.8420, 3.6210, 5.9650



73.0150, 51.7930, 91.1290



20.8350, 14.6670, 26.0510

Previews

White Background



This preview shows how the YIQ color 92.7250, 65.3140, 115.9220 looks on a white background.

Color Contrast Check

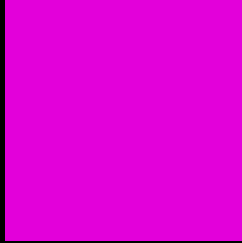
Large Text (above 18pt) WCAG AA ✓ Pass

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 92.7250, 65.3140, 115.9220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

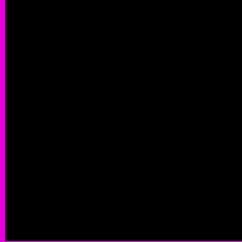
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 92.7250, 65.3140, 115.9220

Background



This preview shows how black text looks on a background with the YIQ color 92.7250, 65.3140, 115.9220.



This preview shows how white text looks on a background with the YIQ color 92.7250, 65.3140,

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

92.7250, 65.3140, 115.9220

Protanopia

115.3020, -90.6020, 23.0460

Deuteranopia

124.8070, -50.0240, 14.5200



Tritanopia

124.8420, 74.6830, 28.6910

Trichromacy



Original Color

92.7250, 65.3140, 115.9220



Protanomaly

107.4380, -34.1220, 56.7420



Deuteranomaly

113.0370, -8.3080, 51.4680



Tritanomaly

113.3840, 71.4220, 60.2700

Monochromacy



Original Color

92.7250, 65.3140, 115.9220



Achromatopsia

93.0000, -0.0000, -0.0000



Achromatomaly

92.8230, 24.1090, 42.1650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.7250, 65.3140, 115.9220 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(227, 0, 218)` looks like.

```
.text, #text, p{  
    color:rgb(227, 0, 218)  
}
```

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(227, 0, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 0, 218) }
```

Border

The CSS property to change the border of an element to YIQ 92.7250, 65.3140, 115.9220 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(227, 0, 218) }
```


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

```
.border{ border-color:rgb(227, 0, 218) }
```

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

Here you see how a box with a 4 pixel rgb(227, 0, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 0, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 0, 218);  
box-shadow:4px 4px 4px 4px rgb(227, 0,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 92.7250, 65.3140, 115.9220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 0, 218) }
```

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

```
.background{ background-color: rgb(227, 0,  
218) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor