

Converting Colors

YIQ(113.0570, 51.9750, 98.8470)

Have a look what the booklet for
YIQ(113.0570, 51.9750, 98.8470)
contains.

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Color

**YIQ(113.0570, 51.9750,
98.8470)**

Conversions

Conversions Part 1

Format	Color
Hex	E023E0
RGB	224, 35, 224
RGB Percent	88%, 14%, 88%
CMY	0.1210, 0.8630, 0.1215
CMYK	0.00, 0.84, 0.00, 0.12
HSL	300°, 75%, 51%
HSV	300°, 84%, 88%
XYZ	44.8407, 22.4505, 72.5019
YIQ	113.0570, 51.9750, 98.8470

Conversions

Conversions Part 2

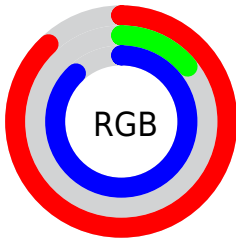
Format	Color
R_{YB}	224, 35, 224
Decimal	14689248
CIE _{Lab}	54.50, 85.35, -53.09
CIE _{LCh}	55, 100.516, 328.117
Yxy	22.4505, 0.3208, 0.1606
Android (android.graphics.Color)	4292879328 (0xFFE023E0)
YUV	113.0570, 54.6949, 97.2970
Hunter-Lab	47.3819, 86.0079, -57.5557

Details

The YIQ color **113.0570, 51.9750, 98.8470** 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 **145.9430, -51.9750, -98.8470**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7110, 40.4250, 76.8810**, and **68.1880, 43.8160, 87.0160** is the 20% darker color. If you saturate the color by 10%, you get **100.1430, 58.0250, 110.3530**, and if you desaturate by 10%, it is **125.9710, 45.9250, 87.3410**.

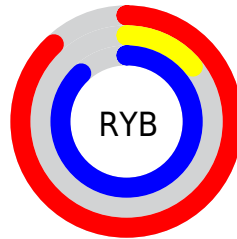
Distribution



Red (88%)

Green (14%)

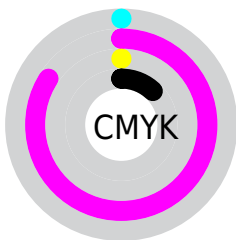
Blue (88%)



Red (88%)

Yellow (14%)

Blue (88%)

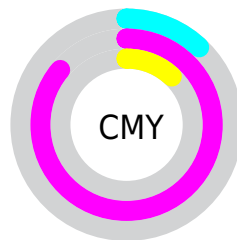


Cyan (0%)

Magenta (84%)

Yellow (0%)

Black (12%)



Cyan (12%)

Magenta (86%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.0570, 51.9750, 98.8470 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 113.0570, 51.9750, 98.8470 by changing the saturation by 10% instead.

■ 113.0570, 51.9750,
98.8470

■ 113.0570, 51.9750,
98.8470

■ 255.0000, -0.0000,
-0.0000

■ 80.3500, 52.7080,
102.0840

■ 168.7110, 40.4250,
76.8810

■ 68.1880, 43.8160,
87.0160

■ 186.9080, 31.9000,
60.6680

■ 56.4390, 35.1990,
72.4710

■ 204.5180, 23.6500,
44.9780

■ 44.8040, 26.2610,
58.2370

■ 222.1280, 15.4000,
29.2880

■ 33.1690, 17.3230,
44.0030

■ 240.3250, 6.8750,
13.0750

■ 22.0610, 8.3390,
30.6030

■ 8.6750, -5.7340,

15.8180

■ 2.7530, -6.3740,
5.3860

■ 0.0000, 0.0000,
0.0000

■ 113.0570, 51.9750,
98.8470

■ 113.0570, 51.9750,
98.8470

■ 100.1430, 58.0250,
110.3530

■ 125.9710, 45.9250,
87.3410

■ 92.5120, 61.6000,
117.1520

■ 139.4720, 39.6000,
75.3120

■ 152.3860, 33.5500,
63.8060

■ 165.8870, 27.2250,
51.7770

■ 178.8010, 21.1750,
40.2710

■ 191.7150, 15.1250,
28.7650

■ 205.2160, 8.8000,
16.7360

■ 218.1300, 2.7500,
5.2300

■ 231.6310, -3.5750,
-6.7990

Harmonies

Analogous

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



118.7670, -60.5740, 40.5300



113.0570, 51.9750, 98.8470



92.2050, 107.0400, 97.6000

Triad

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



113.0570, 51.9750, 98.8470



122.9980, 63.0940, -31.1300



120.9090, -113.1060, -20.6740

Complementary

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



113.0570, 51.9750, 98.8470



145.9430, -51.9750, -98.8470

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.



109.5890, -83.9870, -47.3070



113.0570, 51.9750, 98.8470



109.0020, 3.4040, -61.7160

Square

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



113.0570, 51.9750, 98.8470



116.8930, 113.0630, 4.9270



95.0430, -48.5400, -78.4920



123.5770, -126.1300, -4.8980

Rectangle

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



113.0570, 51.9750, 98.8470



85.7070, 125.3370, 79.8730



95.0430, -48.5400, -78.4920



117.7170, -104.1180, -29.3820

Sweetspot

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



113.0570, 51.9750, 98.8470



217.4320, 17.6000, 33.4720



56.5460, -60.6690, 58.7790



104.9930, 11.0460, 20.0860



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.



113.0570, 51.9750, 98.8470



105.3150, 70.1250, 133.3650



102.3410, 82.1490, 69.6130



105.5430, 3.0250, 5.7530



72.6880, 48.4000, 92.0480



19.8240, 13.2000, 25.1040

Inverse Universe

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



113.0570, 51.9750, 98.8470



105.3150, 70.1250, 133.3650



156.7730, -82.4700, -69.3020



105.5430, 3.0250, 5.7530



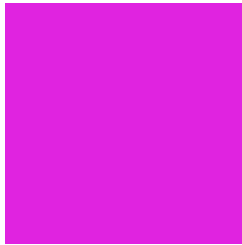
72.6880, 48.4000, 92.0480



19.8240, 13.2000, 25.1040

Previews

White Background



This preview shows how the YIQ color 113.0570, 51.9750, 98.8470 looks on a white background.

Color Contrast Check

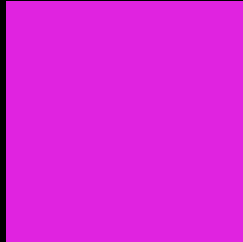
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.0570, 51.9750, 98.8470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

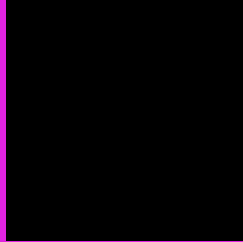
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 113.0570, 51.9750, 98.8470

Background



This preview shows how black text looks on a background with the YIQ color 113.0570, 51.9750, 98.8470.



This preview shows how white text looks on a background with the YIQ color 113.0570, 51.9750,

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

113.0570, 51.9750, 98.8470

Protanopia

118.8680, -86.3840, 23.6960

Deuteranopia

125.7680, -54.2880, 14.7040



Tritanopia

127.9660, 68.4020, 26.8820

Trichromacy



Original Color

113.0570, 51.9750, 98.8470



Protanomaly

117.0800, -36.2300, 50.8900



Deuteranomaly

121.0420, -15.8720, 45.3760



Tritanomaly

122.3780, 62.3910, 53.2310

Monochromacy



Original Color

113.0570, 51.9750, 98.8470



Achromatopsia

113.0000, -0.0000, 0.0000



Achromatomaly

113.0840, 18.7000, 35.5640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.0570, 51.9750, 98.8470 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(224, 35, 224)` looks like.

```
.text, #text, p{  
    color:rgb(224, 35, 224)  
}
```

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(224, 35, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 35, 224) }
```

Border

The CSS property to change the border of an element to YIQ 113.0570, 51.9750, 98.8470 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(224, 35, 224) }
```


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

```
.border{ border-color:rgb(224, 35, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 35, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 35, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 35, 224);  
box-shadow:4px 4px 4px 4px rgb(224, 35,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 113.0570, 51.9750, 98.8470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 35, 224) }
```

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

```
.background{ background-color: rgb(224, 35,  
224) }
```

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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