

Converting Colors

YIQ(120.6130, 52.9850, 91.5530)

Have a look what the booklet for
YIQ(120.6130, 52.9850, 91.5530)
contains.

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Color

**YIQ(120.6130, 52.9850,
91.5530)**

Conversions

Conversions Part 1

Format	Color
Hex	E42FDA
RGB	228, 47, 218
RGB Percent	89%, 18%, 85%
CMY	0.1053, 0.8159, 0.1450
CMYK	0.00, 0.79, 0.04, 0.11
HSL	303°, 77%, 54%
HSV	303°, 79%, 89%
XYZ	45.7094, 23.6064, 68.4906
YIQ	120.6130, 52.9850, 91.5530

Conversions

Conversions Part 2

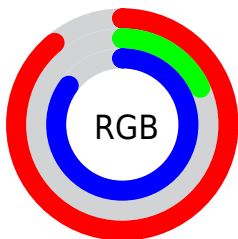
Format	Color
RYB	228, 47, 218
Decimal	14954458
CIELab	55.69, 82.72, -47.76
CIELCh	56, 95.517, 330.000
Yxy	23.6064, 0.3317, 0.1713
Android (android.graphics.Color)	4293144538 (0xFFE42FDA)
YUV	120.6130, 48.0118, 94.1784
Hunter-Lab	48.5864, 82.9040, -49.5687

Details

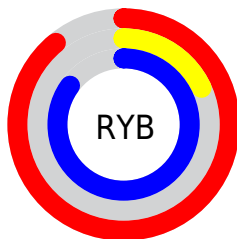
The YIQ color **120.6130, 52.9850, 91.5530** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **154.3870, -52.9850, -91.5530**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.8200, 38.5000, 73.2200**, and **68.7000, 48.1260, 85.9980** is the 20% darker color. If you saturate the color by 10%, you get **106.9980, 59.6310, 103.2710**, and if you desaturate by 10%, it is **134.2280, 46.3390, 79.8350**.

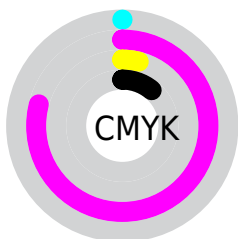
Distribution



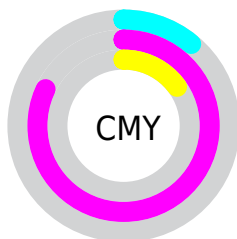
- Red (89%)
- Green (18%)
- Blue (85%)



- Red (89%)
- Yellow (18%)
- Blue (85%)



- Cyan (0%)
- Magenta (79%)
- Yellow (4%)
- Black (11%)



- Cyan (11%)
- Magenta (82%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.6130, 52.9850, 91.5530 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 120.6130, 52.9850, 91.5530 by changing the saturation by 10% instead.

120.6130, 52.9850,
91.5530

120.6130, 52.9850,
91.5530

255.0000, -0.0000,
-0.0000

80.8620, 57.0180,
101.0660

172.8200, 38.5000,
73.2200

68.7000, 48.1260,
85.9980

190.4300, 30.2500,
57.5300

57.0650, 39.1880,
71.7640

208.0400, 22.0000,
41.8400

45.4300, 30.2500,
57.5300

225.6500, 13.7500,
26.1500

33.9090, 20.9910,
43.6070

243.8470, 5.2250,
9.9370

23.1000, 12.6030,
30.4190

10.9100, 0.9140,

16.4820

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,
0.0000

■ 120.6130, 52.9850,
91.5530

■ 120.6130, 52.9850,
91.5530

■ 106.9980, 59.6310,
103.2710

■ 134.2280, 46.3390,
79.8350

■ 93.2690, 66.5980,
114.6780

■ 147.9570, 39.3720,
68.4280

■ 92.6820, 66.8730,
115.2010

■ 160.9850, 33.0010,
57.2330

■ 174.6000, 26.3550,
45.5150

188.2150, 19.7090,
33.7970

201.9440, 12.7420,
22.3900

215.5590, 6.0960,
10.6720

228.5870, -0.2750,
-0.5230

242.2020, -6.9210,
-12.2410

Harmonies

Analogous

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



127.4160, -46.2240, 44.7840



120.6130, 52.9850, 91.5530



91.8630, 108.0030, 96.6670

Triad

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



120.6130, 52.9850, 91.5530



125.6340, 61.1230, -33.9570



122.5390, -114.9400, -20.4760

Complementary

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



120.6130, 52.9850, 91.5530



154.3870, -52.9850, -91.5530

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.



112.3760, -87.7010, -46.0770



120.6130, 52.9850, 91.5530



111.9480, 3.4960, -63.3840

Square

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



120.6130, 52.9850, 91.5530



121.8660, 108.5250, -0.9390



99.4260, -56.7480, -72.9080



124.1640, -126.4050, -5.4210

Rectangle

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



120.6130, 52.9850, 91.5530



85.7070, 125.3370, 79.8730



99.4260, -56.7480, -72.9080



119.4610, -106.2730, -28.8730

Sweetspot

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



120.6130, 52.9850, 91.5530



218.8510, 17.7380, 30.9700



70.3250, -52.7370, 58.1990



105.9390, 11.1380, 18.4180



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.



120.6130, 52.9850, 91.5530



111.3500, 71.0440, 122.2120



110.3530, 81.8750, 63.5630



107.8420, 3.6210, 5.9650



72.7870, 52.4350, 90.5070



20.7210, 14.9880, 25.7400

Inverse Universe

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



120.6130, 52.9850, 91.5530



111.3500, 71.0440, 122.2120



164.6470, -81.8750, -63.5630



107.8420, 3.6210, 5.9650



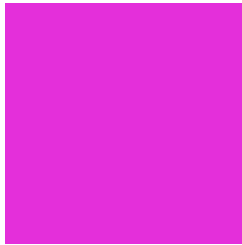
72.7870, 52.4350, 90.5070



20.7210, 14.9880, 25.7400

Previews

White Background



This preview shows how the YIQ color 120.6130, 52.9850, 91.5530 looks on a white background.

Color Contrast Check

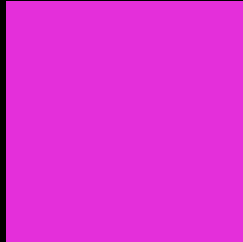
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.6130, 52.9850, 91.5530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

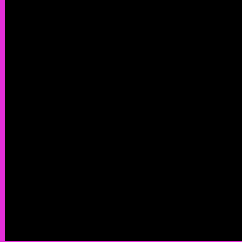
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.6130, 52.9850, 91.5530

Background



This preview shows how black text looks on a background with the YIQ color 120.6130, 52.9850, 91.5530.



This preview shows how white text looks on a background with the YIQ color 120.6130, 52.9850,

91.5530.

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

120.6130, 52.9850, 91.5530

Protanopia

123.9180, -80.6530, 24.4590

Deuteranopia

130.5580, -44.8890, 15.0710



Tritanopia

131.1620, 70.7860, 27.7300

Trichromacy



Original Color

120.6130, 52.9850, 91.5530



Protanomaly

122.7660, -32.4700, 48.8260



Deuteranomaly

127.1690, -9.0400, 42.7040



Tritanomaly

127.2810, 64.0420, 50.8420

Monochromacy



Original Color

120.6130, 52.9850, 91.5530



Achromatopsia

121.0000, -0.0000, 0.0000



Achromatomaly

120.8020, 19.4340, 33.2740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.6130, 52.9850, 91.5530 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(228, 47, 218)` looks like.

```
.text, #text, p{  
    color:rgb(228, 47, 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(228, 47, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 47, 218) }
```

Border

The CSS property to change the border of an element to YIQ 120.6130, 52.9850, 91.5530 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(228, 47, 218) }
```


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

```
.border{ border-color:rgb(228, 47, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 47, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 47, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 47, 218);  
box-shadow:4px 4px 4px 4px rgb(228, 47,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 120.6130, 52.9850, 91.5530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 47, 218) }
```

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

```
.background{ background-color: rgb(228, 47,  
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](#).

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