

Converting Colors

YIQ(161.4520, 41.2110, 40.5950)

Have a look what the booklet for
YIQ(161.4520, 41.2110, 40.5950)
contains.

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Color

**YIQ(161.4520, 41.2110,
40.5950)**

Conversions

Conversions Part 1

Format	Color
Hex	E27CB9
RGB	226, 124, 185
RGB Percent	89%, 49%, 73%
CMY	0.1134, 0.5139, 0.2744
CMYK	0.00, 0.45, 0.18, 0.11
HSL	324°, 64%, 69%
HSV	324°, 45%, 89%
XYZ	47.3489, 34.0890, 49.9996
YIQ	161.4520, 41.2110, 40.5950

Conversions

Conversions Part 2

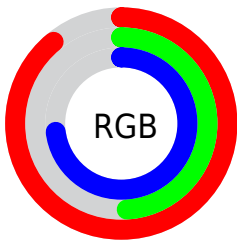
Format	Color
R _Y B	226, 124, 185
Decimal	14843065
CIE Lab	65.03, 47.08, -14.59
CIE LCh	65, 49.291, 342.786
Yxy	34.0890, 0.3602, 0.2594
Android (android.graphics.Color)	4293033145 (0xFFE27CB9)
YUV	161.4520, 11.6092, 56.6086
Hunter-Lab	58.3858, 42.5824, -9.9040

Details

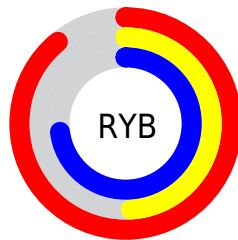
The YIQ color **161.4520, 41.2110, 40.5950** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **188.5480, -41.2110, -40.5950**, and the grayscale version is **161.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **208.7920, 25.3940, 35.3940**, and **107.2560, 38.8270, 39.7470** is the 20% darker color. If you saturate the color by 10%, you get **146.9250, 50.4250, 49.8250**, and if you desaturate by 10%, it is **175.9790, 31.9970, 31.3650**.

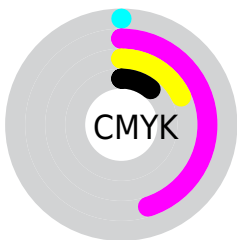
Distribution



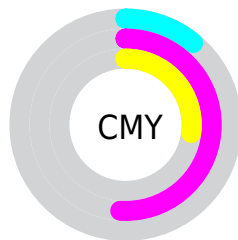
- Red (89%)
- Green (49%)
- Blue (73%)



- Red (89%)
- Yellow (49%)
- Blue (73%)



- Cyan (0%)
- Magenta (45%)
- Yellow (18%)
- Black (11%)



- Cyan (11%)
- Magenta (51%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 161.4520, 41.2110, 40.5950 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 161.4520, 41.2110, 40.5950 by changing the saturation by 10% instead.

161.4520, 41.2110,
40.5950

161.4520, 41.2110,
40.5950

255.0000, -0.0000,
-0.0000

133.8540, 40.0190,
40.1710

208.7920, 25.3940,
35.3940

107.2560, 38.8270,
39.7470

226.8240, 13.2000,
25.1040

80.1850, 37.5890,
40.1570

243.8470, 5.2250,
9.9370

50.1790, 37.7260,
43.1820

32.7390, 32.9130,
36.7930

22.4570, 24.4790,
24.4390

12.7730, 17.2370,

12.5090

■ 0.0000, 0.0000,
0.0000

■ 161.4520, 41.2110,
40.5950

■ 161.4520, 41.2110,
40.5950

■ 146.9250, 50.4250,
49.8250

■ 175.9790, 31.9970,
31.3650

■ 132.9850, 59.3640,
58.5320

■ 189.9190, 23.0580,
22.6580

■ 118.4580, 68.5780,
67.7620

■ 204.4460, 13.8440,
13.4280

■ 104.5180, 77.5170,
76.4690

■ 218.3860, 4.9050,
4.7210

■ 89.9910, 86.7310,
85.6990

■ 232.9130, -4.3090,
-4.5090

■ 82.9640, 91.3610,
89.8970

■ 244.6190,
-12.4690, -10.8130

■ 245.6450,
-15.3580, -8.0140

■ 246.3290,
-17.2840, -6.1480

Harmonies

Analogous

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



162.6290, 1.0480, 36.0880



161.4520, 41.2110, 40.5950



158.5730, 65.3750, 32.1830

Triad

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



161.4520, 41.2110, 40.5950



151.5940, 32.2370, -28.0750



129.2240, -118.6070, -25.6070

Complementary

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



161.4520, 41.2110, 40.5950



188.5480, -41.2110, -40.5950

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.



125.7240, -105.9960, -39.4040



161.4520, 41.2110, 40.5950



146.3210, -6.7790, -36.8510

Square

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



161.4520, 41.2110, 40.5950



155.2050, 58.9180, -10.5060



131.8640, -65.6480, -43.7600



127.3780, -124.4320, -13.6480

Rectangle

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



161.4520, 41.2110, 40.5950



157.5930, 70.6500, 19.1780



131.8640, -65.6480, -43.7600



128.3290, -114.7090, -30.1730

Sweetspot

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



161.4520, 41.2110, 40.5950



232.2720, 14.3940, 14.4740



147.8870, -8.3060, 40.4140



114.0600, 8.9390, 8.7070



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.



161.4520, 41.2110, 40.5950



167.7240, 55.6050, 55.0690



155.6380, 57.5820, 24.7340



105.0870, 4.3090, 4.5090



64.5940, 71.1910, 69.9670



17.6580, 19.2990, 19.1950

Inverse Universe

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



161.4520, 41.2110, 40.5950



167.7240, 55.6050, 55.0690



194.3620, -57.5820, -24.7340



105.0870, 4.3090, 4.5090



64.5940, 71.1910, 69.9670



17.6580, 19.2990, 19.1950

Previews

White Background



This preview shows how the YIQ color 161.4520, 41.2110, 40.5950 looks on a white background.

Color Contrast Check

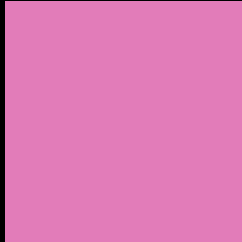
Large Text (above 18pt) WCAG AA × Fail

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 161.4520, 41.2110, 40.5950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

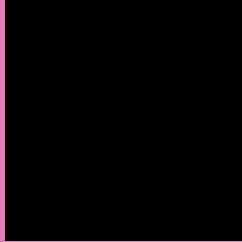
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 161.4520, 41.2110, 40.5950

Background



This preview shows how black text looks on a background with the YIQ color 161.4520, 41.2110, 40.5950.



This preview shows how white text looks on a background with the YIQ color 161.4520, 41.2110,

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

161.4520, 41.2110, 40.5950

Protanopia

158.3400, -23.8440, 13.6280

Deuteranopia

159.6550, -2.9820, 9.9940



Tritanopia

160.0500, 50.4300, 22.1900

Trichromacy



Original Color

161.4520, 41.2110, 40.5950



Protanomaly

159.3540, -0.0960, 23.7760



Deuteranomaly

160.3030, 13.1090, 21.2450



Tritanomaly

160.4120, 46.7150, 28.9470

Monochromacy



Original Color

161.4520, 41.2110, 40.5950



Achromatopsia

161.0000, -0.0000, -0.0000



Achromatomaly

161.5710, 14.9900, 14.6860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 161.4520, 41.2110, 40.5950 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(226, 124, 185)` looks like.

```
.text, #text, p{  
    color:rgb(226, 124, 185)  
}
```

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(226, 124, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 124, 185) }
```

Border

The CSS property to change the border of an element to YIQ 161.4520, 41.2110, 40.5950 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(226, 124, 185) }
```


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

```
.border{ border-color:rgb(226, 124, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 124, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 124, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 124, 185);  
box-shadow:4px 4px 4px 4px rgb(226, 124,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 161.4520, 41.2110, 40.5950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 124, 185) }
```

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

```
.background{ background-color: rgb(226,  
124, 185) }
```

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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