

Converting Colors

YIQ(176.9320, 31.3520, 48.5680)

Have a look what the booklet for
YIQ(176.9320, 31.3520, 48.5680)
contains.

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Color

**YIQ(176.9320, 31.3520,
48.5680)**

Conversions

Conversions Part 1

Format	Color
Hex	ED89E1
RGB	237, 137, 225
RGB Percent	93%, 54%, 88%
CMY	0.0703, 0.4629, 0.1176
CMYK	0.00, 0.42, 0.05, 0.07
HSL	307°, 74%, 73%
HSV	307°, 42%, 93%
XYZ	57.4823, 41.3338, 76.1930
YIQ	176.9320, 31.3520, 48.5680

Conversions

Conversions Part 2

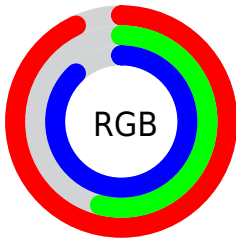
Format	Color
RYB	237, 137, 225
Decimal	15567329
CIELab	70.41, 50.38, -28.58
CIELCh	70, 57.921, 330.434
Yxy	41.3338, 0.3285, 0.2362
Android (android.graphics.Color)	4293757409 (0xFFED89E1)
YUV	176.9320, 23.6975, 52.6796
Hunter-Lab	64.2914, 47.0850, -25.2618

Details

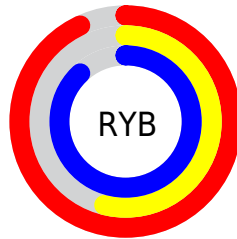
The YIQ color **176.9320, 31.3520, 48.5680** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **197.0680, -31.3520, -48.5680**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **218.6060, 17.0500, 32.4260**, and **122.0950, 29.3350, 46.5750** is the 20% darker color. If you saturate the color by 10%, you get **162.5020, 38.9150, 60.1870**, and if you desaturate by 10%, it is **191.3620, 23.7890, 36.9490**.

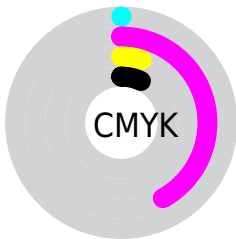
Distribution



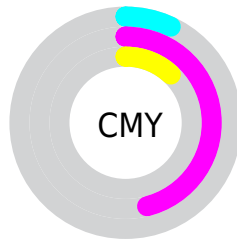
- Red (93%)
- Green (54%)
- Blue (88%)



- Red (93%)
- Yellow (54%)
- Blue (88%)



- Cyan (0%)
- Magenta (42%)
- Yellow (5%)
- Black (7%)





- Cyan (7%)
- Magenta (46%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 176.9320, 31.3520, 48.5680 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 176.9320, 31.3520, 48.5680 by changing the saturation by 10% instead.


 176.9320, 31.3520,
48.5680

 176.9320, 31.3520,
48.5680


255.0000, -0.0000,
-0.0000


 149.2200, 30.4810,
47.8330

 218.0190, 17.3250,
32.9490


 121.5080, 29.6100,
47.0980


 235.0420, 9.3500,
17.7820

 94.9100, 28.4180,
46.6740

 252.0650, 1.3750,
2.6150

 66.8500, 28.6470,
48.0310

 39.4910, 28.2800,
49.1760

 28.9810, 20.4880,
36.2000

 19.8950, 14.4380,

24.6940

■ 5.7260, -1.7440,
9.5840

■ 0.0000, 0.0000,
0.0000

■ 176.9320, 31.3520,
48.5680

■ 176.9320, 31.3520,
48.5680

■ 162.5020, 38.9150,
60.1870

■ 191.3620, 23.7890,
36.9490

■ 148.6590, 46.2030,
71.2830

■ 205.2050, 16.5010,
25.8530

■ 134.2290, 53.7660,
82.9020

■ 219.6350, 8.9380,
14.2340

■ 119.9130, 61.0080,
94.8320

■ 233.9510, 1.6960,
2.3040

■ 105.4830, 68.5710,
106.4510

■ 247.7940, -5.5920,
-8.7920

■ 94.6890, 74.1630,
115.2430

■ 248.1360, -6.5550,
-7.8590

■ 248.4780, -7.5180,
-6.9260

■ 248.8200, -8.4810,
-5.9930

■ 249.1620, -9.4440,
-5.0600

Harmonies

Analogous

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



174.1410, -21.0050, 33.7710



176.9320, 31.3520, 48.5680



169.4560, 61.7510, 42.7990

Triad

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



176.9320, 31.3520, 48.5680



166.8430, 53.4650, -27.3270



141.1750, -126.0790, -33.3670

Complementary

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



176.9320, 31.3520, 48.5680



197.0680, -31.3520, -48.5680

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.



135.7200, -109.3410, -50.3730



176.9320, 31.3520, 48.5680



161.5110, 12.9370, -41.7430

Square

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



176.9320, 31.3520, 48.5680



169.5280, 77.3020, -2.2660



149.4560, -47.1240, -49.0760



141.1870, -134.3800, -20.5880

Rectangle

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



176.9320, 31.3520, 48.5680



167.1130, 72.4820, 30.0340



149.4560, -47.1240, -49.0760



139.8240, -120.8970, -39.1770

Sweetspot

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



176.9320, 31.3520, 48.5680



235.1730, 10.3590, 16.0150



151.9880, -24.9480, 33.6440



115.3310, 6.7380, 10.0500



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.



176.9320, 31.3520, 48.5680



176.8660, 40.8860, 63.0140



171.2320, 47.4020, 33.0180



110.4290, 3.3460, 5.4420



72.2450, 56.8370, 87.8210



21.5040, 17.0970, 26.0650

Inverse Universe

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



176.9320, 31.3520, 48.5680



176.8660, 40.8860, 63.0140



202.7680, -47.4020, -33.0180



110.4290, 3.3460, 5.4420



72.2450, 56.8370, 87.8210



21.5040, 17.0970, 26.0650

Previews

White Background



This preview shows how the YIQ color 176.9320, 31.3520, 48.5680 looks on a white background.

Color Contrast Check

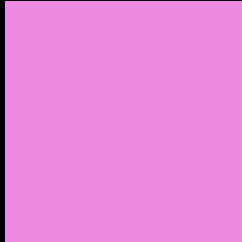
Large Text (above 18pt) WCAG AA × Fail

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 176.9320, 31.3520, 48.5680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

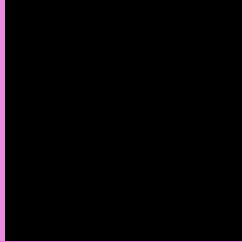
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.9320, 31.3520, 48.5680

Background



This preview shows how black text looks on a background with the YIQ color 176.9320, 31.3520, 48.5680.



This preview shows how white text looks on a background with the YIQ color 176.9320, 31.3520,

48.5680.

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

176.9320, 31.3520, 48.5680

Protanopia

171.9440, -39.9840, 19.7920

Deuteranopia

173.5040, -18.4340, 14.7020



Tritanopia

174.9890, 43.2320, 20.4800

Trichromacy



Original Color

176.9320, 31.3520, 48.5680



Protanomaly

173.7410, -14.1270, 30.2650



Deuteranomaly

174.4620, -0.2800, 27.1120



Tritanomaly

175.5730, 39.0120, 30.8840

Monochromacy



Original Color

176.9320, 31.3520, 48.5680



Achromatopsia

177.0000, -0.0000, 0.0000



Achromatomaly

176.7110, 11.7800, 17.7960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.9320, 31.3520, 48.5680 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(237, 137, 225)` looks like.

```
.text, #text, p{  
    color:rgb(237, 137, 225)  
}
```

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(237, 137, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 137, 225) }
```

Border

The CSS property to change the border of an element to YIQ 176.9320, 31.3520, 48.5680 is called "border". The border property can be set on classes, ids or directly on the HTML element.

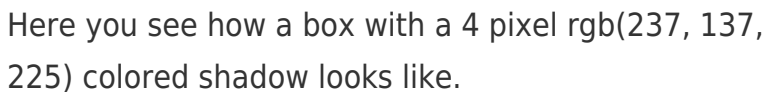
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 137, 225) }
```


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

```
.border{ border-color:rgb(237, 137, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 137, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 137, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 137, 225); box-shadow:4px 4px 4px 4px rgb(237, 137, 225) }
```

Background

The CSS property to change the background color of an element to YIQ 176.9320, 31.3520, 48.5680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 137, 225) }
```

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

```
.background{ background-color: rgb(237,  
137, 225) }
```

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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