

Converting Colors

YIQ(146.4520, 51.5200, 79.5520)

Have a look what the booklet for
YIQ(146.4520, 51.5200, 79.5520)
contains.

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Color

**YIQ(146.4520, 51.5200,
79.5520)**

Conversions

Conversions Part 1

Format	Color
Hex	F551E1
RGB	245, 81, 225
RGB Percent	96%, 32%, 88%
CMY	0.0387, 0.6826, 0.1176
CMYK	0.00, 0.67, 0.08, 0.04
HSL	307°, 89%, 64%
HSV	307°, 67%, 96%
XYZ	54.2301, 30.7467, 74.3276
YIQ	146.4520, 51.5200, 79.5520

Conversions

Conversions Part 2

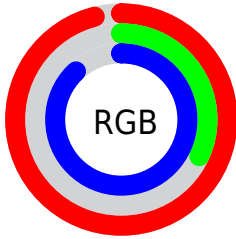
Format	Color
R _{YB}	245, 81, 225
Decimal	16077281
CIE _{Lab}	62.29, 77.23, -41.11
CIE _{LCh}	62, 87.493, 331.973
Y _{xy}	30.7467, 0.3404, 0.1930
Android (android.graphics.Color)	4294267361 (0xFFFF551E1)
YUV	146.4520, 38.7242, 86.4266
Hunter-Lab	55.4497, 77.5368, -40.6605

Details

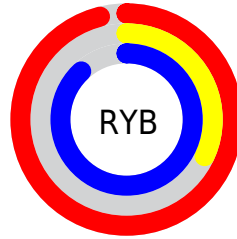
The YIQ color **146.4520, 51.5200, 79.5520** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **179.5480, -51.5200, -79.5520**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.0820, 31.3500, 59.6220**, and **74.5810, 56.0110, 91.7790** is the 20% darker color. If you saturate the color by 10%, you get **131.4350, 59.3580, 91.6940**, and if you desaturate by 10%, it is **160.8820, 43.9570, 67.9330**.

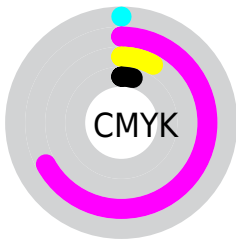
Distribution



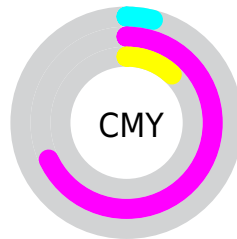
- Red (96%)
- Green (32%)
- Blue (88%)



- Red (96%)
- Yellow (32%)
- Blue (88%)



- Cyan (0%)
- Magenta (67%)
- Yellow (8%)
- Black (4%)





- Cyan (4%)
- Magenta (68%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.4520, 51.5200, 79.5520 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 146.4520, 51.5200, 79.5520 by changing the saturation by 10% instead.


 146.4520, 51.5200,
79.5520


 146.4520, 51.5200,
79.5520


255.0000, -0.0000,
-0.0000


 113.7450, 52.2530,
82.7890


 188.0820, 31.3500,
59.6220


 74.5810, 56.0110,
91.7790


 205.6920, 23.1000,
43.9320


 62.8320, 47.3940,
77.2340

 223.3020, 14.8500,
28.2420

 51.1970, 38.4560,
63.0000

 240.9120, 6.6000,
12.5520

 39.6760, 29.1970,
49.0770

 28.8670, 20.8090,
35.8890

 17.8730, 11.5040,

22.8000

■ 2.5080, -7.0620,
6.8420

■ 0.0000, 0.0000,
0.0000

■ 146.4520, 51.5200,
79.5520

■ 146.4520, 51.5200,
79.5520

■ 131.4350, 59.3580,
91.6940

■ 160.8820, 43.9570,
67.9330

■ 117.0050, 66.9210,
103.3130

■ 175.8990, 36.1190,
55.7910

■ 101.9880, 74.7590,
115.4550

■ 190.3290, 28.5560,
44.1720

■ 97.7650, 77.0050,
118.8050

■ 205.3460, 20.7180,
32.0300

220.3630, 12.8800,
19.8880

234.7930, 5.3170,
8.2690

249.8100, -2.5210,
-3.8730

251.3260, -4.0340,
-3.9860

251.6680, -4.9970,
-3.0530

Harmonies

Analogous

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



148.1700, -27.9760, 44.4720



146.4520, 51.5200, 79.5520



118.4720, 92.3260, 77.9100

Triad

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



146.4520, 51.5200, 79.5520



140.3860, 64.5170, -40.4030



133.7550, -124.4760, -23.8680

Complementary

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



146.4520, 51.5200, 79.5520



179.5480, -51.5200, -79.5520

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.



125.5640, -100.0340, -48.3380



146.4520, 51.5200, 79.5520



128.2060, 11.3370, -67.8230

Square

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



146.4520, 51.5200, 79.5520



139.8410, 109.6730, -10.7350



113.1670, -72.0160, -71.5360



132.9690, -130.5300, -13.2660

Rectangle

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



146.4520, 51.5200, 79.5520



121.4630, 104.5720, 54.2040



113.1670, -72.0160, -71.5360



131.6060, -117.0470, -31.8550

Sweetspot

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



146.4520, 51.5200, 79.5520



224.3790, 15.9510, 24.8070



105.3770, -41.3200, 55.0320



109.3470, 9.8090, 14.9690



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.



146.4520, 51.5200, 79.5520



132.4020, 64.1250, 98.9170



137.2180, 77.5210, 54.3610



114.8420, 3.6210, 5.9650



74.1960, 58.5330, 90.1250



23.4550, 18.7930, 28.3690

Inverse Universe

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



146.4520, 51.5200, 79.5520



132.4020, 64.1250, 98.9170



188.7820, -77.5210, -54.3610



114.8420, 3.6210, 5.9650



74.1960, 58.5330, 90.1250



23.4550, 18.7930, 28.3690

Previews

White Background



This preview shows how the YIQ color 146.4520, 51.5200, 79.5520 looks on a white background.

Color Contrast Check

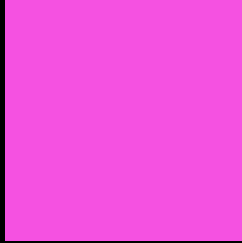
Large Text (above 18pt) WCAG AA × Fail

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 146.4520, 51.5200, 79.5520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

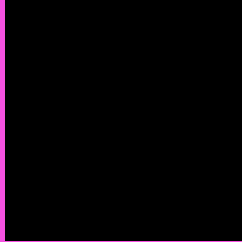
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 146.4520, 51.5200, 79.5520

Background



This preview shows how black text looks on a background with the YIQ color 146.4520, 51.5200, 79.5520.



This preview shows how white text looks on a background with the YIQ color 146.4520, 51.5200,

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

146.4520, 51.5200, 79.5520

Protanopia

147.0420, -60.5710, 23.9490

Deuteranopia

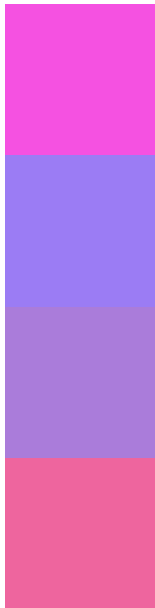
149.8320, -33.9770, 15.5510



Tritanopia

149.3900, 70.1440, 28.3520

Trichromacy



Original Color

146.4520, 51.5200, 79.5520

Protanomaly

146.9490, -20.0440, 43.8920

Deuteranomaly

148.4700, -2.7580, 38.9860

Tritanomaly

148.4610, 63.3550, 46.7710

Monochromacy



Original Color

146.4520, 51.5200, 79.5520

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

145.9820, 18.7470, 29.2030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.4520, 51.5200, 79.5520 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(245, 81, 225)` looks like.

```
.text, #text, p{  
    color:rgb(245, 81, 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(245, 81, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 81, 225) }
```

Border

The CSS property to change the border of an element to YIQ 146.4520, 51.5200, 79.5520 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(245, 81, 225) }
```


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

```
.border{ border-color:rgb(245, 81, 225) }
```

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

Here you see how a box with a 4 pixel rgb(245, 81, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 81, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 81, 225);  
box-shadow:4px 4px 4px 4px rgb(245, 81,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 146.4520, 51.5200, 79.5520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 81, 225) }
```

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

```
.background{ background-color: rgb(245, 81,  
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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