

Converting Colors

YIQ(194.2800, 30.2520, 46.4760)

Have a look what the booklet for
YIQ(194.2800, 30.2520, 46.4760)
contains.

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Color

**YIQ(194.2800, 30.2520,
46.4760)**

Conversions

Conversions Part 1

Format	Color
Hex	FC9CF0
RGB	252, 156, 240
RGB Percent	99%, 61%, 94%
CMY	0.0115, 0.3884, 0.0588
CMYK	0.00, 0.38, 0.05, 0.01
HSL	308°, 94%, 80%
HSV	308°, 38%, 99%
XYZ	67.7828, 50.7644, 88.6750
YIQ	194.2800, 30.2520, 46.4760

Conversions

Conversions Part 2

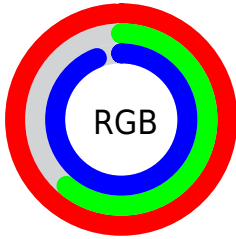
Format	Color
R _{YB}	252, 156, 240
Decimal	16555248
CIE Lab	76.54, 47.85, -27.23
CIE LCh	77, 55.056, 330.362
Yxy	50.7644, 0.3271, 0.2450
Android (android.graphics.Color)	4294745328 (0xFFFC9CF0)
YUV	194.2800, 22.5400, 50.6204
Hunter-Lab	71.2491, 45.1299, -23.9165

Details

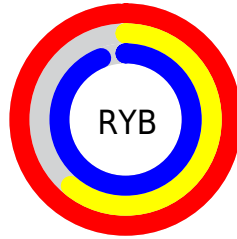
The YIQ color $194.2800, 30.2520, 46.4760$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $213.7200, -30.2520, -46.4760$, and the grayscale version is $194.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $229.7590, 11.8250, 22.4890$, and $138.8560, 28.5100, 45.0060$ is the 20% darker color. If you saturate the color by 10%, you get $179.2630, 38.0900, 58.6180$, and if you desaturate by 10%, it is $209.2970, 22.4140, 34.3340$.

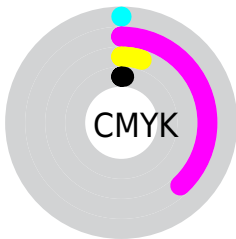
Distribution



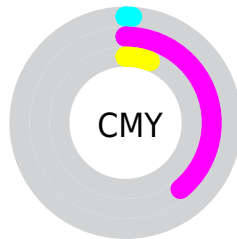
- Red (99%)
- Green (61%)
- Blue (94%)



- Red (99%)
- Yellow (61%)
- Blue (94%)



- Cyan (0%)
- Magenta (38%)
- Yellow (5%)
- Black (1%)




- Cyan (1%)
- Magenta (39%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 194.2800, 30.2520, 46.4760 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 194.2800, 30.2520, 46.4760 by changing the saturation by 10% instead.

 194.2800, 30.2520,
46.4760


 194.2800, 30.2520,
46.4760


255.0000, -0.0000,
-0.0000


 166.5680, 29.3810,
45.7410


 229.7590, 11.8250,
22.4890


 138.8560, 28.5100,
45.0060

 246.7820, 3.8500,
7.3220

 112.1440, 27.6390,
44.2710

 85.4320, 26.7680,
43.5360

 56.8990, 26.9510,
45.7270

 34.6490, 24.6590,
43.2110

 24.1390, 16.8670,

30.2350

■ 15.0530, 10.8170,
18.7290

■ 1.1400, -3.2100,
3.1100

■ 194.2800, 30.2520,
46.4760

■ 194.2800, 30.2520,
46.4760

■ 179.2630, 38.0900,
58.6180

■ 209.2970, 22.4140,
34.3340

■ 164.2460, 45.9280,
70.7600

■ 224.3140, 14.5760,
22.1920

■ 148.6420, 54.0410,
83.4250

■ 240.0320, 6.1420,
9.8380

■ 133.5110, 62.2000,
95.2560

■ 253.8750, -1.1460,
-1.2580

■ 118.4940, 70.0380, 254.1030, -1.7880,
107.3980 -0.6360

■ 103.4770, 77.8760,
119.5400

■ 100.4280, 79.5720,
121.8440

Harmonies

Analogous

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



189.5020, -14.9520, 28.6960



194.2800, 30.2520, 46.4760



183.6070, 50.8400, 36.7920

Triad

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



194.2800, 30.2520, 46.4760



183.8260, 52.1350, -25.2490



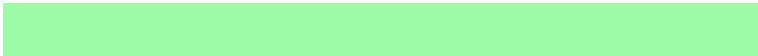
152.8640, -135.5690, -37.5930

Complementary

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



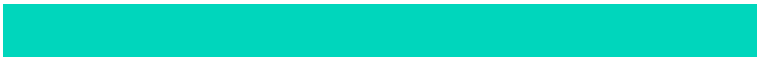
194.2800, 30.2520, 46.4760



213.7200, -30.2520, -46.4760

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.



147.0500, -119.1980, -53.4540



194.2800, 30.2520, 46.4760



178.6790, 12.5240, -39.7640

Square

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



194.2800, 30.2520, 46.4760



186.3750, 73.3590, -2.3930



168.6740, -41.8060, -46.3340



150.5790, -138.7800, -28.9560

Rectangle

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



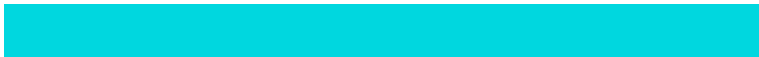
194.2800, 30.2520, 46.4760



180.9050, 61.2040, 25.1720



168.6740, -41.8060, -46.3340



151.6270, -130.7080, -43.0920

Sweetspot

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



194.2800, 30.2520, 46.4760



238.1080, 8.9840, 13.4000



170.2330, -24.2600, 32.1880



117.6790, 5.6380, 7.9580



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.



194.2800, 30.2520, 46.4760



184.6110, 36.9900, 56.5260



188.9220, 45.3390, 31.8590



117.1410, 4.2170, 6.1770



75.3210, 59.6790, 91.3830



24.3950, 19.0220, 29.7260

Inverse Universe

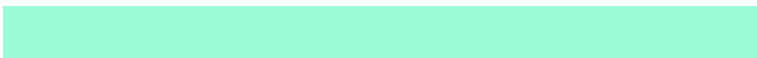
The Inverse Universe completely reimagines the original color for something new.



194.2800, 30.2520, 46.4760



184.6110, 36.9900, 56.5260



219.0780, -45.3390, -31.8590



117.1410, 4.2170, 6.1770



75.3210, 59.6790, 91.3830



24.3950, 19.0220, 29.7260

Previews

White Background



This preview shows how the YIQ color 194.2800, 30.2520, 46.4760 looks on a white background.

Color Contrast Check

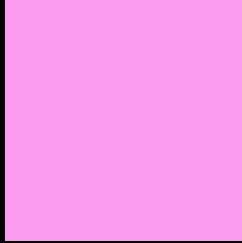
Large Text (above 18pt) WCAG AA × Fail

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 194.2800, 30.2520, 46.4760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

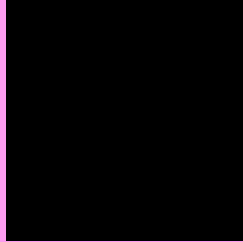
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 194.2800, 30.2520, 46.4760

Background



This preview shows how black text looks on a background with the YIQ color 194.2800, 30.2520, 46.4760.



This preview shows how white text looks on a background with the YIQ color 194.2800, 30.2520,

46.4760.

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

194.2800, 30.2520, 46.4760

Protanopia

189.3700, -32.5560, 17.3320

Deuteranopia

190.4010, -16.6460, 15.3380



Tritanopia

192.5050, 41.7190, 20.3670

Trichromacy



Original Color

194.2800, 30.2520, 46.4760



Protanomaly

191.3130, -10.0460, 27.8900



Deuteranomaly

191.6470, 0.6370, 27.0130



Tritanomaly

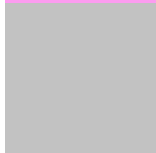
193.4480, 37.8660, 29.6260

Monochromacy



Original Color

194.2800, 30.2520, 46.4760



Achromatopsia

194.0000, -0.0000, 0.0000



Achromatomaly

193.9990, 10.9090, 17.0610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.2800, 30.2520, 46.4760 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(252, 156, 240)` looks like.

```
.text, #text, p{  
    color:rgb(252, 156, 240)  
}
```

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(252, 156, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 156, 240) }
```

Border

The CSS property to change the border of an element to YIQ 194.2800, 30.2520, 46.4760 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(252, 156, 240) }
```


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

```
.border{ border-color:rgb(252, 156, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 156, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 156, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 156, 240);  
box-shadow:4px 4px 4px 4px rgb(252, 156,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 194.2800, 30.2520, 46.4760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 156, 240) }
```

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

```
.background{ background-color: rgb(252,  
156, 240) }
```

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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