

Converting Colors

YIQ(200.2950, 25.8960, 48.3280)

Have a look what the booklet for
YIQ(200.2950, 25.8960, 48.3280)
contains.

YIQ(200.2950, 25.8960, 48.3280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(200.2950, 25.8960,
48.3280)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA2FE
RGB	255, 162, 254
RGB Percent	100%, 64%, 100%
CMY	0.0000, 0.3648, 0.0039
CMYK	0.00, 0.36, 0.00, 0.00
HSL	301°, 100%, 82%
HSV	301°, 36%, 100%
XYZ	72.0442, 54.2432, 100.4455
YIQ	200.2950, 25.8960, 48.3280

Conversions

Conversions Part 2

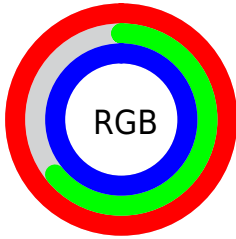
Format	Color
RYB	255, 162, 254
Decimal	16753406
CIELab	78.60, 48.11, -31.59
CIELCh	79, 57.555, 326.716
Yxy	54.2432, 0.3177, 0.2392
Android (android.graphics.Color)	4294943486 (0xFFFFA2FE)
YUV	200.2950, 26.4766, 47.9763
Hunter-Lab	73.6500, 45.7205, -29.3060

Details

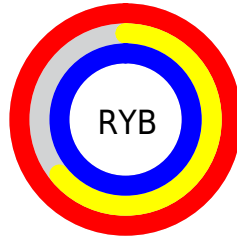
The YIQ color $200.2950, 25.8960, 48.3280$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $216.7050, -25.8960, -48.3280$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $233.2810, 10.1750, 19.3510$, and $144.7570, 24.4750, 46.5470$ is the 20% darker color. If you saturate the color by 10%, you get $185.0330, 33.0460, 61.9260$, and if you desaturate by 10%, it is $214.9700, 19.0210, 35.2530$.

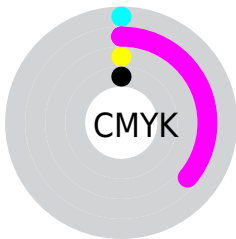
Distribution



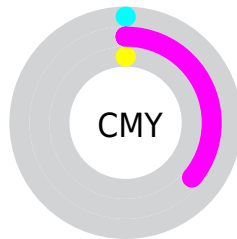
- Red (100%)
- Green (64%)
- Blue (100%)



- Red (100%)
- Yellow (64%)
- Blue (100%)



- Cyan (0%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.2950, 25.8960, 48.3280 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 200.2950, 25.8960, 48.3280 by changing the saturation by 10% instead.

 200.2950, 25.8960,
48.3280

 200.2950, 25.8960,
48.3280


255.0000, -0.0000,
-0.0000


 172.4690, 25.3460,
47.2820


 233.2810, 10.1750,
19.3510


 144.7570, 24.4750,
46.5470

 250.3040, 2.2000,
4.1840

 118.0450, 23.6040,
45.8120

 91.3330, 22.7330,
45.0770

 63.8600, 22.6870,
45.9110

 36.8000, 22.9160,
47.2680

 26.2900, 15.1240,

34.2920

■ 17.2040, 9.0740,
22.7860

■ 3.2090, -7.6580,
6.6300

■ 200.2950, 25.8960,
48.3280

■ 200.2950, 25.8960,
48.3280

■ 185.0330, 33.0460,
61.9260

■ 214.9700, 19.0210,
35.2530

■ 170.2440, 40.2420,
74.6900

■ 230.3460, 11.5500,
21.9660

■ 154.9820, 47.3920,
88.2880

■ 245.0210, 4.6750,
8.8910

■ 140.3070, 54.2670,
101.3630

■ 255.0000, -0.0000,
-0.0000

■ 125.0450, 61.4170,
114.9610

■ 110.2560, 68.6130,
127.7250

■ 104.9730, 71.0880,
132.4320

Harmonies

Analogous

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



192.7030, -20.1320, 23.4520



200.2950, 25.8960, 48.3280



186.8500, 45.8420, 39.2660

Triad

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



200.2950, 25.8960, 48.3280



190.1750, 58.4620, -24.2740



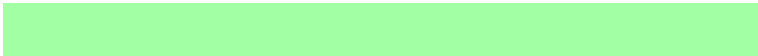
157.2010, -138.1360, -40.6320

Complementary

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



200.2950, 25.8960, 48.3280



216.7050, -25.8960, -48.3280

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.



151.0450, -120.8020, -57.4260



200.2950, 25.8960, 48.3280



184.9740, 18.9430, -40.4570

Square

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



200.2950, 25.8960, 48.3280



188.1190, 71.2040, -1.8840



175.1430, -35.9370, -48.0730



155.2750, -140.9800, -33.1400

Rectangle

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



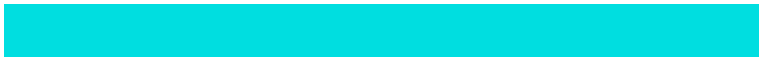
200.2950, 25.8960, 48.3280



183.3330, 57.1230, 27.5470



175.1430, -35.9370, -48.0730



155.8500, -132.9540, -46.4420

Sweetspot

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



200.2950, 25.8960, 48.3280



238.5640, 7.7000, 14.6440



172.6020, -29.8530, 28.9230



117.9070, 4.9960, 8.5800



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.



200.2950, 25.8960, 48.3280



189.1420, 31.1210, 58.2650



195.0510, 40.6620, 34.0220



120.2550, 3.8960, 6.4880



78.6550, 53.1670, 99.2710



26.3180, 17.9210, 33.1610

Inverse Universe

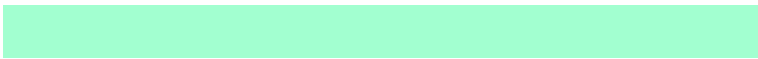
The Inverse Universe completely reimagines the original color for something new.



200.2950, 25.8960, 48.3280



189.1420, 31.1210, 58.2650



221.8350, -40.3410, -34.3330



120.2550, 3.8960, 6.4880



78.6550, 53.1670, 99.2710



26.3180, 17.9210, 33.1610

Previews

White Background



This preview shows how the YIQ color 200.2950, 25.8960, 48.3280 looks on a white background.

Color Contrast Check

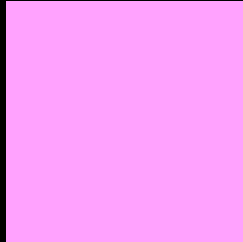
Large Text (above 18pt) WCAG AA × Fail

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 200.2950, 25.8960, 48.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

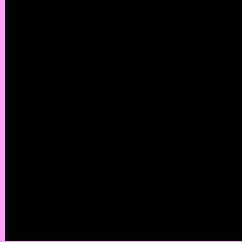
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.2950, 25.8960, 48.3280

Background



This preview shows how black text looks on a background with the YIQ color 200.2950, 25.8960, 48.3280.



This preview shows how white text looks on a background with the YIQ color 200.2950, 25.8960,

48.3280.

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

200.2950, 25.8960, 48.3280

Protanopia

195.2840, -29.4380, 15.8900

Deuteranopia

196.1170, -21.5980, 16.9780



Tritanopia

197.8250, 37.8220, 19.4060

Trichromacy



Original Color

200.2950, 25.8960, 48.3280



Protanomaly

197.1990, -9.7250, 27.5790



Deuteranomaly

197.3630, -4.3150, 28.6530



Tritanomaly

198.5230, 33.2810, 30.1210

Monochromacy



Original Color

200.2950, 25.8960, 48.3280



Achromatopsia

200.0000, -0.0000, -0.0000



Achromatomaly

200.0420, 9.3500, 17.7820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.2950, 25.8960, 48.3280 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(255, 162, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 254)  
}
```

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(255, 162, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 254) }
```

Border

The CSS property to change the border of an element to YIQ 200.2950, 25.8960, 48.3280 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(255, 162, 254) }
```


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

```
.border{ border-color:rgb(255, 162, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 162, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 200.2950, 25.8960, 48.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 254) }
```

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

```
.background{ background-color: rgb(255,  
162, 254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor