

Converting Colors

YIQ(200.3290, 28.5560, 44.1720)

Have a look what the booklet for
YIQ(200.3290, 28.5560, 44.1720)
contains.

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Color

**YIQ(200.3290, 28.5560,
44.1720)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA4F4
RGB	255, 164, 244
RGB Percent	100%, 64%, 96%
CMY	0.0000, 0.3570, 0.0431
CMYK	0.00, 0.36, 0.04, 0.00
HSL	307°, 100%, 82%
HSV	307°, 36%, 100%
XYZ	70.8398, 54.3298, 92.3514
YIQ	200.3290, 28.5560, 44.1720

Conversions

Conversions Part 2

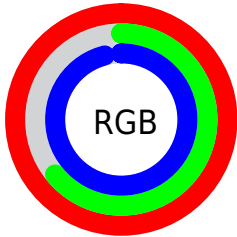
Format	Color
RYB	255, 164, 244
Decimal	16753908
CIELab	78.65, 45.34, -26.12
CIELCh	79, 52.328, 330.054
Yxy	54.3298, 0.3257, 0.2498
Android (android.graphics.Color)	4294943988 (0xFFFFA4F4)
YUV	200.3290, 21.5298, 47.9465
Hunter-Lab	73.7087, 42.5620, -22.6897

Details

The YIQ color $200.3290, 28.5560, 44.1720$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $218.6710, -28.5560, -44.1720$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $234.4550, 9.6250, 18.3050$, and $144.9050, 26.8140, 42.7020$ is the 20% darker color. If you saturate the color by 10%, you get $184.7250, 36.6690, 56.8370$, and if you desaturate by 10%, it is $215.3460, 20.7180, 32.0300$.

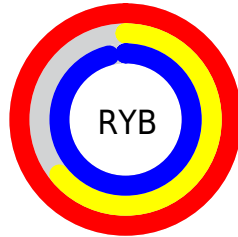
Distribution



Red (100%)

Green (64%)

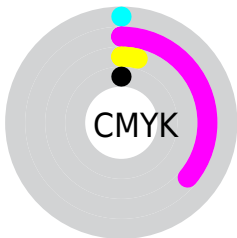
Blue (96%)



Red (100%)

Yellow (64%)

Blue (96%)

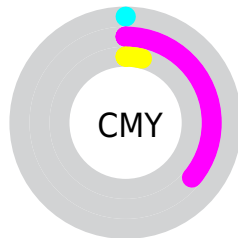


Cyan (0%)

Magenta (36%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 200.3290, 28.5560, 44.1720 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 200.3290, 28.5560, 44.1720 by changing the saturation by 10% instead.


 200.3290, 28.5560,
44.1720

 200.3290, 28.5560,
44.1720


255.0000, -0.0000,
-0.0000


 172.5030, 28.0060,
43.1260


 234.4550, 9.6250,
18.3050


 144.9050, 26.8140,
42.7020

 251.4780, 1.6500,
3.1380

 118.0790, 26.2640,
41.6560

 91.4810, 25.0720,
41.2320

 65.2960, 24.1550,
41.3310

 35.8880, 25.4840,
44.7800

 25.7910, 17.9670,

32.3270

■ 16.7050, 11.9170,
20.8210

■ 2.2970, -5.0900,
4.1420

■ 200.3290, 28.5560,
44.1720

■ 200.3290, 28.5560,
44.1720

■ 184.7250, 36.6690,
56.8370

■ 215.3460, 20.7180,
32.0300

■ 169.7080, 44.5070,
68.9790

■ 230.9500, 12.6050,
19.3650

■ 154.1040, 52.6200,
81.6440

■ 245.9670, 4.7670,
7.2230

■ 139.0870, 60.4580,
93.7860

■ 255.0000, -0.0000,
-0.0000

■ 123.4830, 68.5710,
106.4510

■ 108.4660, 76.4090,
118.5930

■ 101.7810, 80.0760,
123.7240

Harmonies

Analogous

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



195.1060, -13.8970, 26.0950



200.3290, 28.5560, 44.1720



189.1010, 46.3930, 34.7850

Triad

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



200.3290, 28.5560, 44.1720



190.5100, 50.2090, -23.3830



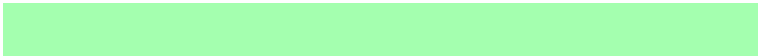
156.1410, -137.9070, -39.2750

Complementary

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



200.3290, 28.5560, 44.1720



218.6710, -28.5560, -44.1720

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.



151.1420, -122.4530, -55.0370



200.3290, 28.5560, 44.1720



185.2600, 12.3860, -37.2620

Square

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



200.3290, 28.5560, 44.1720



191.0370, 68.4990, -2.4210



176.4080, -38.0010, -43.7050



153.5140, -140.1550, -31.5710

Rectangle

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



200.3290, 28.5560, 44.1720



186.5130, 56.4360, 23.4760



176.4080, -38.0010, -43.7050



154.9040, -133.0460, -44.7740

Sweetspot

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



200.3290, 28.5560, 44.1720



238.2220, 8.6630, 13.7110



177.6630, -22.6550, 30.6330



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.



200.3290, 28.5560, 44.1720



188.9480, 34.4230, 53.4870



195.1990, 43.0010, 30.1770



120.1410, 4.2170, 6.1770



76.2610, 59.9080, 92.7400



25.5200, 20.1680, 30.9840

Inverse Universe

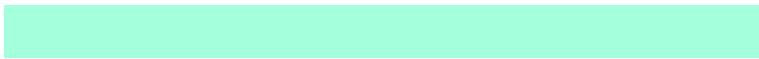
The Inverse Universe completely reimagines the original color for something new.



200.3290, 28.5560, 44.1720



188.9480, 34.4230, 53.4870



223.8010, -43.0010, -30.1770



120.1410, 4.2170, 6.1770



76.2610, 59.9080, 92.7400



25.5200, 20.1680, 30.9840

Previews

White Background



This preview shows how the YIQ color 200.3290, 28.5560, 44.1720 looks on a white background.

Color Contrast Check

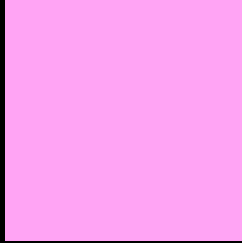
Large Text (above 18pt) WCAG AA × Fail

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 200.3290, 28.5560, 44.1720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

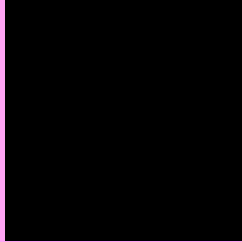
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.3290, 28.5560, 44.1720

Background



This preview shows how black text looks on a background with the YIQ color 200.3290, 28.5560, 44.1720.



This preview shows how white text looks on a background with the YIQ color 200.3290, 28.5560,

44.1720.

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

200.3290, 28.5560, 44.1720

Protanopia

195.5830, -28.8420, 16.1020

Deuteranopia

196.7710, -14.8120, 15.1400



Tritanopia

198.3090, 39.3350, 19.5190

Trichromacy



Original Color

200.3290, 28.5560, 44.1720



Protanomaly

197.0420, -7.8450, 26.5470



Deuteranomaly

198.0060, 1.0040, 25.8680



Tritanomaly

199.1380, 35.8030, 28.4670

Monochromacy



Original Color

200.3290, 28.5560, 44.1720



Achromatopsia

200.0000, -0.0000, -0.0000



Achromatomaly

200.1730, 10.3590, 16.0150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.3290, 28.5560, 44.1720 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, 164, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 244)  
}
```

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, 164, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 244) }
```

Border

The CSS property to change the border of an element to YIQ 200.3290, 28.5560, 44.1720 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, 164, 244) }
```


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

```
.border{ border-color:rgb(255, 164, 244) }
```

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

Here you see how a box with a 4 pixel rgb(255, 164, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 200.3290, 28.5560, 44.1720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 244) }
```

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

```
.background{ background-color: rgb(255,  
164, 244) }
```

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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