

Converting Colors

YIQ(204.3550, 33.6940, 28.1420)

Have a look what the booklet for
YIQ(204.3550, 33.6940, 28.1420)
contains.

YIQ(204.3550, 33.6940, 28.1420)	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(204.3550, 33.6940,
28.1420)**

Conversions

Conversions Part 1

Format	Color
Hex	FEB1D7
RGB	254, 177, 215
RGB Percent	100%, 69%, 84%
CMY	0.0037, 0.3060, 0.1568
CMYK	0.00, 0.30, 0.15, 0.00
HSL	330°, 98%, 85%
HSV	330°, 30%, 100%
XYZ	68.8773, 57.4200, 71.7608
YIQ	204.3550, 33.6940, 28.1420

Conversions

Conversions Part 2

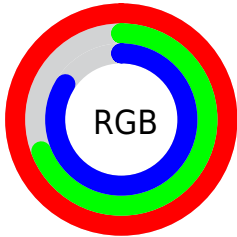
Format	Color
RYB	254, 177, 215
Decimal	16691671
CIELab	80.42, 33.52, -7.82
CIELCh	80, 34.423, 346.876
Yxy	57.4200, 0.3478, 0.2899
Android (android.graphics.Color)	4294881751 (0xFFFEb1D7)
YUV	204.3550, 5.2480, 43.5387
Hunter-Lab	75.7760, 29.6413, -3.1052

Details

The YIQ color $204.3550, 33.6940, 28.1420$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $226.6450, -33.6940, -28.1420$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $242.0860, 6.0500, 11.5060$, and $149.0450, 31.6310, 26.9830$ is the 20% darker color. If you saturate the color by 10%, you get $188.1980, 44.7420, 37.1740$, and if you desaturate by 10%, it is $220.5120, 22.6460, 19.1100$.

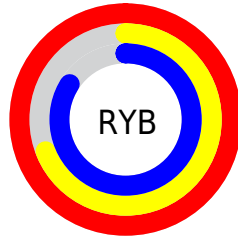
Distribution



Red (100%)

Green (69%)

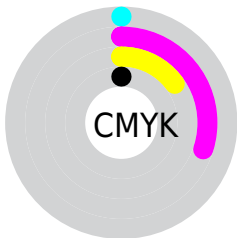
Blue (84%)



Red (100%)

Yellow (69%)

Blue (84%)

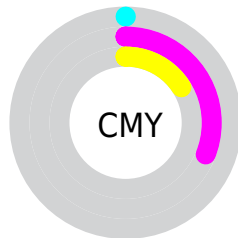


Cyan (0%)

Magenta (30%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.3550, 33.6940, 28.1420 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 204.3550, 33.6940, 28.1420 by changing the saturation by 10% instead.

204.3550, 33.6940,
28.1420

204.3550, 33.6940,
28.1420

255.0000, -0.0000,
-0.0000

176.6430, 32.8230,
27.4070

242.0860, 6.0500,
11.5060

149.0450, 31.6310,
26.9830

123.0340, 30.1640,
26.0360

97.4360, 28.9720,
25.6120

71.9520, 27.4590,
25.4990

47.6530, 26.8630,
25.2870

23.3970, 24.7080,

25.7960

■ 15.0230, 19.5290,
15.0250

■ 0.0000, 0.0000,
0.0000

■ 204.3550, 33.6940,
28.1420

■ 204.3550, 33.6940,
28.1420

■ 188.1980, 44.7420,
37.1740

■ 220.5120, 22.6460,
19.1100

■ 171.4540, 56.0650,
46.7290

■ 237.2560, 11.3230,
9.5550

■ 155.2970, 67.1130,
55.7610

■ 253.4130, 0.2750,
0.5230

■ 138.6670, 78.1150,
65.6270

■ 254.7010, -0.5960,
-0.2120

■ 122.5100, 89.1630,
74.6590

■ 106.3530,
100.2110, 83.6910

■ 90.1960, 111.2590,
92.7230

Harmonies

Analogous

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



203.9850, 5.4970, 27.0410



204.3550, 33.6940, 28.1420



200.3050, 45.1580, 18.6140

Triad

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



204.3550, 33.6940, 28.1420



195.7750, 21.7820, -20.3140



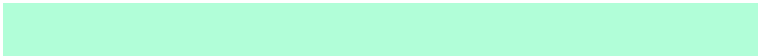
183.4480, -77.8950, -14.5270

Complementary

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



204.3550, 33.6940, 28.1420



226.6450, -33.6940, -28.1420

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.



182.0170, -69.7320, -24.8040



204.3550, 33.6940, 28.1420



192.0470, -8.5230, -27.2670

Square

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



204.3550, 33.6940, 28.1420



199.1740, 43.0080, -8.5120



186.6380, -40.9840, -28.1840



191.2430, -57.7240, -0.1240

Rectangle

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



204.3550, 33.6940, 28.1420



199.7860, 50.7530, 10.8250



186.6380, -40.9840, -28.1840



182.2150, -78.8570, -19.1210

Sweetspot

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



204.3550, 33.6940, 28.1420



240.1310, 10.1770, 8.2970



197.4390, -1.4730, 32.2150



118.2830, 6.6930, 5.3570



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.



204.3550, 33.6940, 28.1420



195.7520, 40.0660, 33.8100



200.0230, 45.8920, 16.3240



119.5710, 5.8220, 4.6220



67.8250, 83.6620, 69.7260



22.6700, 28.1930, 23.2090

Inverse Universe

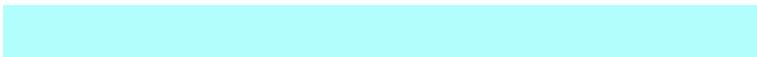
The Inverse Universe completely reimagines the original color for something new.



204.3550, 33.6940, 28.1420



195.7520, 40.0660, 33.8100



230.9770, -45.8920, -16.3240



119.5710, 5.8220, 4.6220



67.8250, 83.6620, 69.7260



22.6700, 28.1930, 23.2090

Previews

White Background



This preview shows how the YIQ color 204.3550, 33.6940, 28.1420 looks on a white background.

Color Contrast Check

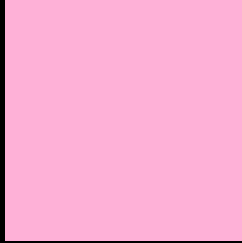
Large Text (above 18pt) WCAG AA × Fail

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 204.3550, 33.6940, 28.1420 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 204.3550, 33.6940, 28.1420

Background



This preview shows how black text looks on a background with the YIQ color 204.3550, 33.6940, 28.1420.



This preview shows how white text looks on a background with the YIQ color 204.3550, 33.6940,

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

204.3550, 33.6940, 28.1420

Protanopia

200.6370, -11.7390, 9.0050

Deuteranopia

202.0320, 6.1420, 9.8380



Tritanopia

203.7110, 38.1430, 19.0950

Trichromacy



Original Color

204.3550, 33.6940, 28.1420



Protanomaly

201.6500, 4.5820, 16.0860



Deuteranomaly

203.1090, 16.4110, 16.4670



Tritanomaly

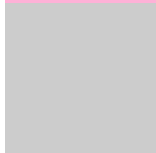
204.3350, 36.4460, 22.3180

Monochromacy



Original Color

204.3550, 33.6940, 28.1420



Achromatopsia

204.0000, -0.0000, -0.0000



Achromatomaly

203.9680, 12.1940, 10.2900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.3550, 33.6940, 28.1420 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(254, 177, 215)` looks like.

```
.text, #text, p{  
    color:rgb(254, 177, 215)  
}
```

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(254, 177, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 177, 215) }
```

Border

The CSS property to change the border of an element to YIQ 204.3550, 33.6940, 28.1420 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(254, 177, 215) }
```


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

```
.border{ border-color:rgb(254, 177, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 177, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 177, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 177, 215);  
box-shadow:4px 4px 4px 4px rgb(254, 177,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 204.3550, 33.6940, 28.1420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 177, 215) }
```

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

```
.background{ background-color: rgb(254,  
177, 215) }
```

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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