

Converting Colors

YIQ(162.3940, 64.3210, 29.2570)

Have a look what the booklet for
YIQ(162.3940, 64.3210, 29.2570)
contains.

YIQ(162.3940, 64.3210, 29.2570)	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(162.3940, 64.3210,
29.2570)**

Conversions

Conversions Part 1

Format	Color
Hex	F27E8D
RGB	242, 126, 141
RGB Percent	95%, 49%, 55%
CMY	0.0507, 0.5060, 0.4468
CMYK	0.00, 0.48, 0.42, 0.05
HSL	352°, 82%, 72%
HSV	352°, 48%, 95%
XYZ	48.9099, 35.7243, 29.5412
YIQ	162.3940, 64.3210, 29.2570

Conversions

Conversions Part 2

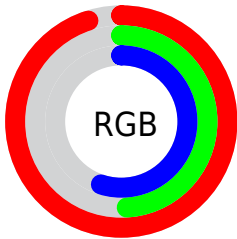
Format	Color
R _Y B	242, 126, 141
Decimal	15892109
CIE Lab	66.31, 45.89, 12.44
CIE LCh	66, 47.549, 15.162
Yxy	35.7243, 0.4284, 0.3129
Android (android.graphics.Color)	4294082189 (0xFFFF27E8D)
YUV	162.3940, -10.5472, 69.8145
Hunter-Lab	59.7698, 41.4701, 12.5348

Details

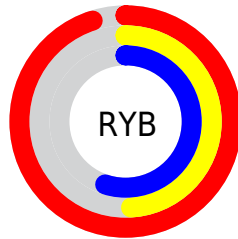
The YIQ color **162.3940, 64.3210, 29.2570** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **205.6060, -64.3210, -29.2570**, and the grayscale version is **162.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **204.6080, 39.9310, 19.7310**, and **107.6430, 59.1860, 28.7060** is the 20% darker color. If you saturate the color by 10%, you get **145.9120, 77.6620, 35.2780**, and if you desaturate by 10%, it is **178.8760, 50.9800, 23.2360**.

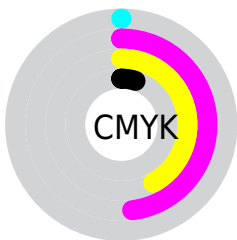
Distribution



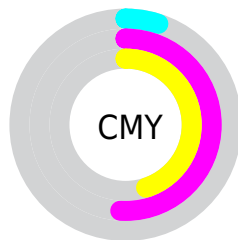
- Red (95%)
- Green (49%)
- Blue (55%)



- Red (95%)
- Yellow (49%)
- Blue (55%)



- Cyan (0%)
- Magenta (48%)
- Yellow (42%)
- Black (5%)




- Cyan (5%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 162.3940, 64.3210, 29.2570 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 162.3940, 64.3210, 29.2570 by changing the saturation by 10% instead.

 162.3940, 64.3210,
29.2570


 162.3940, 64.3210,
29.2570


255.0000, -0.0000,
-0.0000


 134.7250, 61.8910,
29.2430


 204.7220, 39.6100,
20.0420


 107.6430, 59.1860,
28.7060


 224.2360, 23.2430,
13.7950

 80.5010, 56.7100,
29.5260

 244.5650, 5.9590,
7.6470

 51.4240, 55.6090,
32.9610

 31.5540, 49.1910,
28.1270

 20.6310, 41.1240,
14.6280

 12.9710, 25.3070,

9.4270

■ 0.0000, 0.0000,
0.0000

■ 162.3940, 64.3210,
29.2570

■ 162.3940, 64.3210,
29.2570

■ 145.9120, 77.6620,
35.2780

■ 178.8760, 50.9800,
23.2360

■ 129.4300, 91.0030,
41.2990

■ 195.3580, 37.6390,
17.2150

■ 112.3610,
104.6190, 47.8430

■ 212.4270, 24.0230,
10.6710

■ 95.8790, 117.9600,
53.8640

■ 228.9090, 10.6820,
4.6500

■ 79.3970, 131.3010,
59.8850

■ 245.3910, -2.6590,
-1.3710

■ 75.8920, 134.2810,
60.9450

■ 251.1130, -7.7480,
-2.7560

Harmonies

Analogous

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



164.8820, 42.8160, 39.0400



162.3940, 64.3210, 29.2570



160.8280, 68.1300, 9.7780

Triad

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



162.3940, 64.3210, 29.2570



149.8800, -9.8510, -36.2430



128.6660, -125.3030, -14.3830

Complementary

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



162.3940, 64.3210, 29.2570



205.6060, -64.3210, -29.2570

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.



130.8540, -120.4410, -25.4090



162.3940, 64.3210, 29.2570



136.6190, -66.3360, -42.3040

Square

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



162.3940, 64.3210, 29.2570



155.7400, 28.8900, -27.9900



128.1690, -108.7470, -39.1070



159.4320, -44.2940, 20.8100

Rectangle

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



162.3940, 64.3210, 29.2570



159.5630, 61.0260, -4.6540



128.1690, -108.7470, -39.1070



129.8570, -124.5230, -17.5070

Sweetspot

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



162.3940, 64.3210, 29.2570



230.3340, 19.8510, 9.1870



169.4230, 22.9600, 57.4880



112.9200, 12.1490, 5.5970



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.



162.3940, 64.3210, 29.2570



153.4180, 82.1090, 37.2850



185.9250, 57.3110, 2.1030



111.7020, 6.8310, 2.8550



57.7520, 101.9600, 46.4720



17.5420, 31.1290, 14.0490

Inverse Universe

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



162.3940, 64.3210, 29.2570



153.4180, 82.1090, 37.2850



182.0750, -57.3110, -2.1030



111.7020, 6.8310, 2.8550



57.7520, 101.9600, 46.4720



17.5420, 31.1290, 14.0490

Previews

White Background



This preview shows how the YIQ color 162.3940, 64.3210, 29.2570 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 162.3940, 64.3210, 29.2570 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 162.3940, 64.3210, 29.2570

Background



This preview shows how black text looks on a background with the YIQ color 162.3940, 64.3210, 29.2570.



This preview shows how white text looks on a background with the YIQ color 162.3940, 64.3210,

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

162.3940, 64.3210, 29.2570

Protanopia

162.0820, 2.7050, 0.5370

Deuteranopia

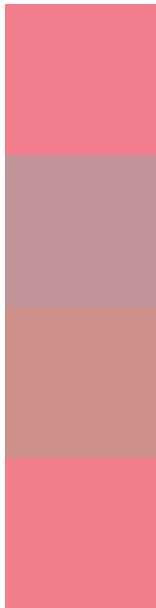
162.1030, 24.5750, 0.6630



Tritanopia

162.4110, 65.6510, 27.1790

Trichromacy



Original Color

162.3940, 64.3210, 29.2570

Protanomaly

162.0250, 25.2150, 11.0950

Deuteranomaly

161.8540, 38.8780, 11.2780

Tritanomaly

162.6390, 65.0090, 27.8010

Monochromacy



Original Color

162.3940, 64.3210, 29.2570

Achromatopsia

162.0000, -0.0000, 0.0000

Achromatomaly

162.1280, 23.4270, 10.4590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.3940, 64.3210, 29.2570 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(242, 126, 141)` looks like.

```
.text, #text, p{  
    color:rgb(242, 126, 141)  
}
```

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(242, 126, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 126, 141) }
```

Border

The CSS property to change the border of an element to YIQ 162.3940, 64.3210, 29.2570 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(242, 126, 141) }
```


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

```
.border{ border-color:rgb(242, 126, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 126, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 126, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 126, 141);  
box-shadow:4px 4px 4px 4px rgb(242, 126,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 162.3940, 64.3210, 29.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 126, 141) }
```

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

```
.background{ background-color: rgb(242,  
126, 141) }
```

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