

Converting Colors

YIQ(162.9640, 62.7160, 30.8120)

Have a look what the booklet for
YIQ(162.9640, 62.7160, 30.8120)
contains.

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Color

**YIQ(162.9640, 62.7160,
30.8120)**

Conversions

Conversions Part 1

Format	Color
Hex	F27E92
RGB	242, 126, 146
RGB Percent	95%, 49%, 57%
CMY	0.0507, 0.5060, 0.4272
CMYK	0.00, 0.48, 0.40, 0.05
HSL	350°, 82%, 72%
HSV	350°, 48%, 95%
XYZ	49.2908, 35.8767, 31.5454
YIQ	162.9640, 62.7160, 30.8120

Conversions

Conversions Part 2

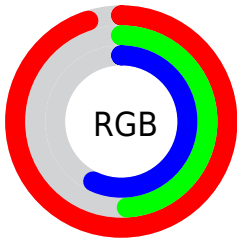
Format	Color
R _Y B	242, 126, 146
Decimal	15892114
CIE Lab	66.43, 46.43, 9.77
CIE LCh	66, 47.445, 11.888
Yxy	35.8767, 0.4223, 0.3074
Android (android.graphics.Color)	4294082194 (0xFF F27E92)
YUV	162.9640, -8.3633, 69.3146
Hunter-Lab	59.8972, 42.0718, 10.7024

Details

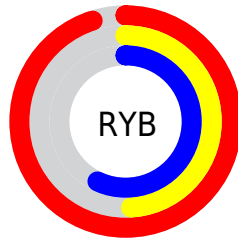
The YIQ color **162.9640, 62.7160, 30.8120** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **205.0360, -62.7160, -30.8120**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **205.2920, 38.0050, 21.5970**, and **108.2130, 57.5810, 30.2610** is the 20% darker color. If you saturate the color by 10%, you get **146.5960, 75.7360, 37.1440**, and if you desaturate by 10%, it is **179.3320, 49.6960, 24.4800**.

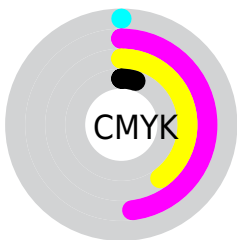
Distribution



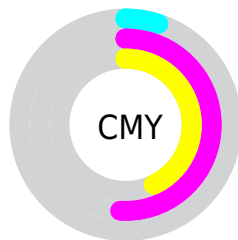
- Red (95%)
- Green (49%)
- Blue (57%)



- Red (95%)
- Yellow (49%)
- Blue (57%)



- Cyan (0%)
- Magenta (48%)
- Yellow (40%)
- Black (5%)




- Cyan (5%)
- Magenta (51%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 162.9640, 62.7160, 30.8120 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 162.9640, 62.7160, 30.8120 by changing the saturation by 10% instead.


 162.9640, 62.7160,
30.8120


 162.9640, 62.7160,
30.8120


255.0000, -0.0000,
-0.0000


 135.1810, 60.6070,
30.4870


 205.2920, 38.0050,
21.5970


 108.5120, 58.1770,
30.4730


 224.9200, 21.3170,
15.6610

 80.9570, 55.4260,
30.7700

 245.0210, 4.6750,
8.8910

 51.2930, 54.6000,
34.7280

 32.3090, 48.5030,
29.5830

 21.1580, 41.0780,
15.4620

 12.9710, 25.3070,

9.4270

■ 0.0000, 0.0000,
0.0000

■ 162.9640, 62.7160,
30.8120

■ 162.9640, 62.7160,
30.8120

■ 146.5960, 75.7360,
37.1440

■ 179.3320, 49.6960,
24.4800

■ 130.2280, 88.7560,
43.4760

■ 195.7000, 36.6760,
18.1480

■ 113.2730,
102.0510, 50.3310

■ 212.6550, 23.3810,
11.2930

■ 96.9050, 115.0710,
56.6630

■ 229.0230, 10.3610,
4.9610

■ 80.5370, 128.0910,
62.9950

■ 245.3910, -2.6590,
-1.3710

■ 77.1460, 130.7500,
64.3660

■ 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.



165.7290, 38.8730, 38.9130



162.9640, 62.7160, 30.8120



161.4090, 67.9920, 12.2800

Triad

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



162.9640, 62.7160, 30.8120



150.7450, -5.0370, -35.3810



129.1390, -125.2570, -15.2170

Complementary

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



162.9640, 62.7160, 30.8120



205.0360, -62.7160, -30.8120

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.



130.9850, -119.4320, -27.1760



162.9640, 62.7160, 30.8120



139.1640, -57.6250, -40.4810

Square

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



162.9640, 62.7160, 30.8120



156.5340, 32.4660, -26.7180



127.7130, -107.4630, -40.3510



158.0290, -50.5290, 18.1670

Rectangle

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



162.9640, 62.7160, 30.8120



160.5140, 62.7220, -2.3500



127.7130, -107.4630, -40.3510



130.2160, -124.1560, -18.6520

Sweetspot

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



162.9640, 62.7160, 30.8120



230.4480, 19.5300, 9.4980



167.6290, 19.3840, 56.2160



113.0340, 11.8280, 5.9080



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.



162.9640, 62.7160, 30.8120



154.2160, 79.8620, 39.4620



182.4030, 58.9610, 5.2410



111.8160, 6.5100, 3.1660



58.6640, 99.3920, 48.9600



17.8840, 30.1660, 14.9820

Inverse Universe

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



162.9640, 62.7160, 30.8120



154.2160, 79.8620, 39.4620



185.5970, -58.9610, -5.2410



111.8160, 6.5100, 3.1660



58.6640, 99.3920, 48.9600



17.8840, 30.1660, 14.9820

Previews

White Background



This preview shows how the YIQ color 162.9640, 62.7160, 30.8120 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 162.9640, 62.7160, 30.8120 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 162.9640, 62.7160, 30.8120

Background



This preview shows how black text looks on a background with the YIQ color 162.9640, 62.7160, 30.8120.



This preview shows how white text looks on a background with the YIQ color 162.9640, 62.7160,

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

162.9640, 62.7160, 30.8120

Protanopia

162.3530, 0.5040, 1.8800

Deuteranopia

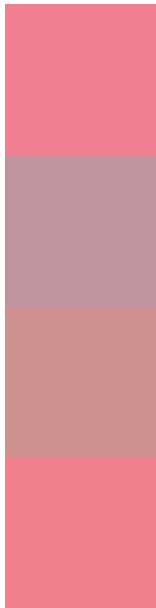
162.9610, 22.0990, 1.4830



Tritanopia

162.8130, 64.4590, 26.7550

Trichromacy



Original Color

162.9640, 62.7160, 30.8120

Protanomaly

162.2960, 23.0140, 12.4380

Deuteranomaly

163.0110, 36.9980, 12.3100

Tritanomaly

162.5680, 63.7710, 28.2110

Monochromacy



Original Color

162.9640, 62.7160, 30.8120

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

163.3560, 22.7850, 11.0810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.9640, 62.7160, 30.8120 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(242, 126, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 126, 146) }
```

Border

The CSS property to change the border of an element to YIQ 162.9640, 62.7160, 30.8120 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, 146) }
```


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

```
.border{ border-color:rgb(242, 126, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 126, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 126, 146);  
box-shadow:4px 4px 4px 4px rgb(242, 126,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 162.9640, 62.7160, 30.8120 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, 146) }
```

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

```
.background{ background-color: rgb(242,  
126, 146) }
```

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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