

Converting Colors

YIQ(142.6050, 88.7120, 33.2560)

Have a look what the booklet for
YIQ(142.6050, 88.7120, 33.2560)
contains.

YIQ(142.6050, 88.7120, 33.2560)	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(142.6050, 88.7120,
33.2560)**

Conversions

Conversions Part 1

Format	Color
Hex	F86165
RGB	248, 97, 101
RGB Percent	97%, 38%, 40%
CMY	0.0271, 0.6198, 0.6036
CMYK	0.00, 0.61, 0.59, 0.03
HSL	358°, 92%, 68%
HSV	358°, 61%, 97%
XYZ	45.3663, 29.4523, 15.6286
YIQ	142.6050, 88.7120, 33.2560

Conversions

Conversions Part 2

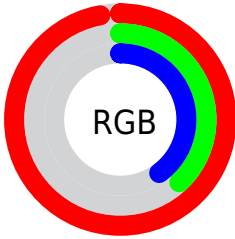
Format	Color
R_{YB}	248, 97, 101
Decimal	16277861
CIE _{Lab}	61.18, 58.09, 28.35
CIE _{LCh}	61, 64.634, 26.016
Yxy	29.4523, 0.5016, 0.3256
Android (android.graphics.Color)	4294467941 (0xFFFF86165)
YUV	142.6050, -20.5113, 92.4314
Hunter-Lab	54.2700, 54.2422, 20.9147

Details

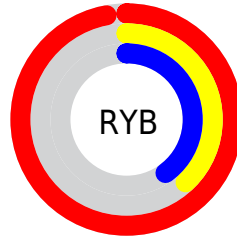
The YIQ color **142.6050, 88.7120, 33.2560** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **202.3950, -88.7120, -33.2560**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **183.3840, 61.1130, 21.3130**, and **83.1900, 82.7510, 36.6630** is the 20% darker color. If you saturate the color by 10%, you get **125.1940, 103.2910, 38.8670**, and if you desaturate by 10%, it is **160.0160, 74.1330, 27.6450**.

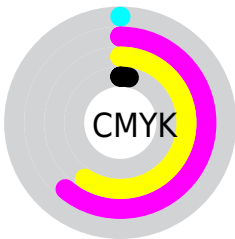
Distribution



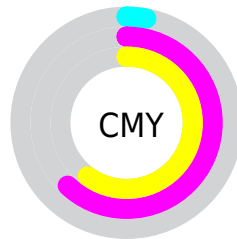
- Red (97%)
- Green (38%)
- Blue (40%)



- Red (97%)
- Yellow (38%)
- Blue (40%)



- Cyan (0%)
- Magenta (61%)
- Yellow (59%)
- Black (3%)





- Cyan (3%)
- Magenta (62%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 142.6050, 88.7120, 33.2560 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 142.6050, 88.7120, 33.2560 by changing the saturation by 10% instead.


 142.6050, 88.7120,
33.2560


 142.6050, 88.7120,
33.2560


255.0000, -0.0000,
-0.0000


 113.5770, 85.9150,
34.3870


 183.3840, 61.1130,
21.3130


 83.4890, 83.3470,
36.8750


 203.4850, 44.4710,
14.5430


 50.1070, 81.7870,
43.1230

 222.9990, 28.1040,
8.2960

 38.4440, 70.0520,
30.0200

 243.8010, 10.8660,
1.3140

 28.1060, 56.0240,
19.9280

 19.9620, 38.6940,
14.6140

 10.2800, 19.9430,

7.5190

■ 0.0000, 0.0000,
0.0000

■ 142.6050, 88.7120,
33.2560

■ 142.6050, 88.7120,
33.2560

■ 125.1940,
103.2910, 38.8670

■ 160.0160, 74.1330,
27.6450

■ 107.7830,
117.8700, 44.4780

■ 177.4270, 59.5540,
22.0340

■ 90.9590, 132.1740,
49.5660

■ 194.2510, 45.2500,
16.9460

■ 74.9500, 145.5610,
54.7530

■ 211.7760, 30.3500,
11.6460

■ 229.1870, 15.7710,
6.0350

246.5980, 1.1920,
0.4240

252.9070, -4.1720,
-1.4840

Harmonies

Analogous

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



144.6840, 70.2770, 53.4850



142.6050, 88.7120, 33.2560



142.9420, 85.0040, 1.3240

Triad

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



142.6050, 88.7120, 33.2560



120.2830, -48.3150, -55.0270



121.2290, -125.0300, -2.8060

Complementary

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



142.6050, 88.7120, 33.2560



202.3950, -88.7120, -33.2560

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.



126.7910, -124.1570, -13.1250



142.6050, 88.7120, 33.2560



117.8700, -92.1480, -48.0840

Square

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



142.6050, 88.7120, 33.2560



134.6120, 22.6580, -47.2140



124.4820, -110.7660, -30.0460



148.2130, -38.7030, 35.1290

Rectangle

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



142.6050, 88.7120, 33.2560



140.9550, 73.8210, -21.7870



124.4820, -110.7660, -30.0460



124.1640, -126.4050, -5.4210

Sweetspot

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



142.6050, 88.7120, 33.2560



222.8680, 27.0950, 10.0630



157.8680, 38.5450, 77.9130



107.7850, 16.9630, 6.4590



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.



142.6050, 88.7120, 33.2560



125.1840, 109.2510, 40.9870



183.2390, 70.7460, -4.5980



116.0010, 7.4270, 3.0670



57.0810, 111.0390, 41.6230



18.4670, 35.7140, 13.5540

Inverse Universe

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



142.6050, 88.7120, 33.2560



125.1840, 109.2510, 40.9870



161.7610, -70.7460, 4.5980



116.0010, 7.4270, 3.0670



57.0810, 111.0390, 41.6230



18.4670, 35.7140, 13.5540

Previews

White Background



This preview shows how the YIQ color 142.6050, 88.7120, 33.2560 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 142.6050, 88.7120, 33.2560 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 × Fail

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

YIQ 142.6050, 88.7120, 33.2560

Background



This preview shows how black text looks on a background with the YIQ color 142.6050, 88.7120, 33.2560.



This preview shows how white text looks on a background with the YIQ color 142.6050, 88.7120,

33.2560.

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

142.6050, 88.7120, 33.2560

Protanopia

147.5420, 12.7930, -6.0790

Deuteranopia

147.0040, 37.7350, -6.5610



Tritanopia

142.8330, 88.0700, 33.8780

Trichromacy



Original Color

142.6050, 88.7120, 33.2560

Protanomaly

145.3440, 40.2540, 8.3660

Deuteranomaly

145.4290, 56.0720, 8.0400

Tritanomaly

142.7190, 88.3910, 33.5670

Monochromacy



Original Color

142.6050, 88.7120, 33.2560

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

142.6730, 32.1380, 12.2820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.6050, 88.7120, 33.2560 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(248, 97, 101)` looks like.

```
.text, #text, p{  
    color:rgb(248, 97, 101)  
}
```

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(248, 97, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 97, 101) }
```

Border

The CSS property to change the border of an element to YIQ 142.6050, 88.7120, 33.2560 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(248, 97, 101) }
```


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

```
.border{ border-color:rgb(248, 97, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 97, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 97, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 97, 101);  
box-shadow:4px 4px 4px 4px rgb(248, 97,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 142.6050, 88.7120, 33.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 97, 101) }
```

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

```
.background{ background-color: rgb(248, 97,  
101) }
```

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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