

Converting Colors

YIQ(90.2870, 0.8700, 6.2620)

Have a look what the booklet for
YIQ(90.2870, 0.8700, 6.2620)
contains.

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Color

YIQ(90.2870, 0.8700, 6.2620)

Conversions

Conversions Part 1

Format	Color
Hex	5F5664
RGB	95, 86, 100
RGB Percent	37%, 34%, 39%
CMY	0.6274, 0.6628, 0.6078
CMYK	0.05, 0.14, 0.00, 0.61
HSL	279°, 8%, 36%
HSV	279°, 14%, 39%
XYZ	10.3478, 10.0083, 13.4425
YIQ	90.2870, 0.8700, 6.2620

Conversions

Conversions Part 2

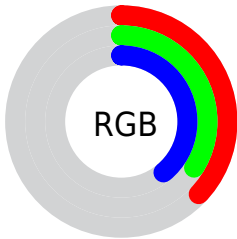
Format	Color
R_{YB}	95, 86, 100
Decimal	6248036
CIE _{Lab}	37.86, 6.60, -6.73
CIE _{LCh}	38, 9.429, 314.459
Yxy	10.0083, 0.3062, 0.2961
Android (android.graphics.Color)	4284438116 (0xFF5F5664)
YUV	90.2870, 4.7885, 4.1333
Hunter-Lab	31.6360, 3.0223, -3.0479

Details

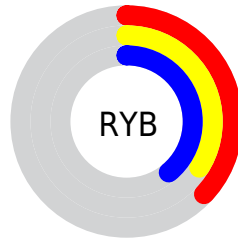
The YIQ color **90.2870, 0.8700, 6.2620** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **95.7130, -0.8700, -6.2620**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **140.4010, 0.5490, 6.5730**, and **44.7600, 0.9160, 5.4280** is the 20% darker color. If you saturate the color by 10%, you get **83.2210, 1.2360, 10.6440**, and if you desaturate by 10%, it is **97.3530, 0.5040, 1.8800**.

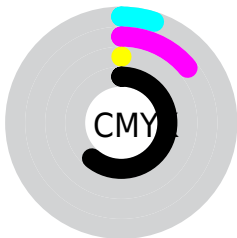
Distribution



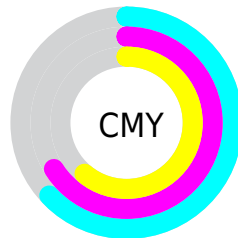
- Red (37%)
- Green (34%)
- Blue (39%)



- Red (37%)
- Yellow (34%)
- Blue (39%)



- Cyan (5%)
- Magenta (14%)
- Yellow (0%)
- Black (61%)



- Cyan (63%)
- Magenta (66%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.2870, 0.8700, 6.2620 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 90.2870, 0.8700, 6.2620 by changing the saturation by 10% instead.

■ 90.2870, 0.8700,
6.2620

■ 90.2870, 0.8700,
6.2620

■ 255.0000, -0.0000,
-0.0000

■ 66.8740, 0.5950,
5.7390

■ 140.4010, 0.5490,
6.5730

■ 44.7600, 0.9160,
5.4280

■ 166.8140, 0.8240,
7.0960

■ 24.3470, 0.6410,
4.9050

■ 193.8140, 0.8240,
7.0960

■ 0.7980, -2.2470,
2.1770

■ 221.8140, 0.8240,
7.0960

■ 0.0000, 0.0000,
0.0000

■ 249.1300, 2.7500,
5.2300

■ 90.2870, 0.8700,
6.2620

■ 90.2870, 0.8700,
6.2620

■ 83.2210, 1.2360,
10.6440

■ 97.3530, 0.5040,
1.8800

■ 76.4540, 2.1980,
15.2380

■ 104.1200, -0.4580,
-2.7140

■ 69.3880, 2.5640,
19.6200

■ 111.1860, -0.8240,
-7.0960

■ 62.6210, 3.5260,
24.2140

■ 117.9530, -1.7860,
-11.6900

■ 55.5550, 3.8920,
28.5960

■ 125.0190, -2.1520,
-16.0720

■ 48.7880, 4.8540,
33.1900

■ 131.7860, -3.1140,
-20.6660

■ 41.7220, 5.2200,
37.5720

■ 138.8520, -3.4800,
-25.0480

■ 34.6560, 5.5860,

■ 145.9180, -3.8460,

41.9540

-29.4300

■ 30.5360, 6.0440,
44.6680

■ 152.6850, -4.8080,
-34.0240

Harmonies

Analogous

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



88.9270, -6.9240, 4.3400



90.2870, 0.8700, 6.2620



90.4080, 7.8390, 6.6150

Triad

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



90.2870, 0.8700, 6.2620



89.2200, 11.0040, -1.1880



86.7100, -13.9830, -5.3990

Complementary

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



90.2870, 0.8700, 6.2620



95.7130, -0.8700, -6.2620

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.



86.7060, -8.1600, -6.3040



90.2870, 0.8700, 6.2620



88.4750, 5.7320, -4.7640

Square

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



90.2870, 0.8700, 6.2620



89.9970, 13.2500, 2.1620



87.7130, -0.8700, -6.2620



86.8070, -15.6340, -3.0100

Rectangle

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



90.2870, 0.8700, 6.2620



90.7350, 11.2320, 5.6960



87.7130, -0.8700, -6.2620



86.6670, -12.4240, -6.1200

Sweetspot

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



90.2870, 0.8700, 6.2620



126.4670, 0.1830, 2.1910



90.5310, -5.8690, 1.7390



63.9400, 0.2290, 1.3570



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.2870, 0.8700, 6.2620



114.6940, 1.2820, 9.8100



91.5540, 4.4920, 6.7000



47.4670, 0.1830, 2.1910



35.2360, 7.1890, 51.4530



74.2320, 15.2940, 108.3340

Inverse Universe

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



90.7560, 6.7390, 4.5230



115.4900, 10.5440, 7.1520



94.4460, -4.4920, -6.7000



47.7230, 2.3380, 1.6820



39.0590, 55.3790, 37.1310



82.1620, 116.6260, 78.0500

Previews

White Background



This preview shows how the YIQ color 90.2870, 0.8700, 6.2620 looks on a white 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

Black Background



This preview shows how the YIQ color 90.2870, 0.8700, 6.2620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

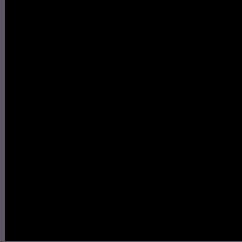
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 90.2870, 0.8700, 6.2620

Background



This preview shows how black text looks on a background with the YIQ color 90.2870, 0.8700, 6.2620.



This preview shows how white text looks on a background with the YIQ color 90.2870, 0.8700, 6.2620.

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

90.2870, 0.8700, 6.2620

Protanopia

89.2970, -5.0900, 4.1420

Deuteranopia

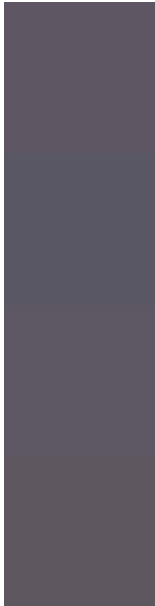
90.2760, -0.5970, 5.3150



Tritanopia

89.8910, 1.9250, 3.6610

Trichromacy



Original Color

90.2870, 0.8700, 6.2620

Protanomaly

89.4930, -2.7060, 4.9900

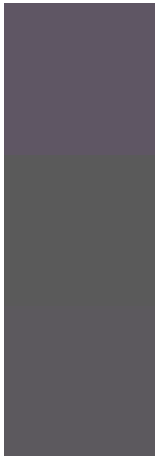
Deuteranomaly

90.5750, -0.0010, 5.5270

Tritanomaly

90.1190, 1.2830, 4.2830

Monochromacy



Original Color

90.2870, 0.8700, 6.2620

Achromatopsia

90.0000, -0.0000, -0.0000

Achromatomaly

90.4670, 0.1830, 2.1910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.2870, 0.8700, 6.2620 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(95, 86, 100)` looks like.

```
.text, #text, p{  
    color:rgb(95, 86, 100)  
}
```

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(95, 86, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 86, 100) }
```

Border

The CSS property to change the border of an element to YIQ 90.2870, 0.8700, 6.2620 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(95, 86, 100) }
```

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

```
.border{ border-color:rgb(95, 86, 100) }
```

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

Here you see how a box with a 4 pixel rgb(95, 86, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 86, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 86, 100);  
box-shadow:4px 4px 4px 4px rgb(95, 86,  
100) }
```


Background

The CSS property to change the background color of an element to YIQ 90.2870, 0.8700, 6.2620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 86, 100) }
```

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

```
.background{ background-color: rgb(95, 86,  
100) }
```

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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