

Converting Colors

YIQ(104.6220, 117.5460,
61.3700)

Have a look what the booklet for
YIQ(104.6220, 117.5460, 61.3700)
contains.

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Color

**YIQ(104.6220, 117.5460,
61.3700)**

Conversions

Conversions Part 1

Format	Color
Hex	FF214F
RGB	255, 33, 79
RGB Percent	100%, 13%, 31%
CMY	0.0000, 0.8708, 0.6898
CMYK	0.00, 0.87, 0.69, 0.00
HSL	348°, 100%, 56%
HSV	348°, 87%, 100%
XYZ	43.1966, 22.9087, 9.5632
YIQ	104.6220, 117.5460, 61.3700

Conversions

Conversions Part 2

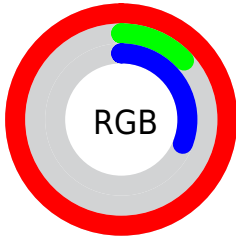
Format	Color
R_YB	255, 33, 79
Decimal	16720207
CIE Lab	54.98, 78.48, 33.47
CIE LCh	55, 85.321, 23.100
Yxy	22.9087, 0.5709, 0.3028
Android (android.graphics.Color)	4294910287 (0xFFFF214F)
YUV	104.6220, -12.6316, 131.8815
Hunter-Lab	47.8630, 77.3368, 21.6577

Details

The YIQ color **104.6220, 117.5460, 61.3700** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **183.3780, -117.5460, -61.3700**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.6460, 81.4670, 37.9070**, and **60.8000, 102.0050, 51.1650** is the 20% darker color. If you saturate the color by 10%, you get **87.0800, 131.1160, 68.7480**, and if you desaturate by 10%, it is **121.5770, 104.2510, 54.5150**.

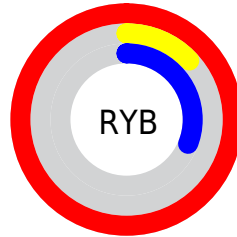
Distribution



Red (100%)

Green (13%)

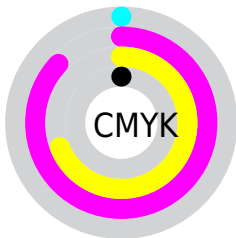
Blue (31%)



Red (100%)

Yellow (13%)

Blue (31%)

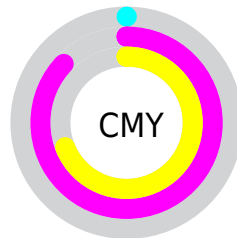


Cyan (0%)

Magenta (87%)

Yellow (69%)

Black (0%)



Cyan (0%)

Magenta (87%)

Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 104.6220, 117.5460, 61.3700 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 104.6220, 117.5460, 61.3700 by changing the saturation by 10% instead.


 104.6220,
117.5460, 61.3700


 104.6220,
117.5460, 61.3700


255.0000, -0.0000,
-0.0000


 72.7620, 114.3360,
64.4800


 153.6460, 81.4670,
37.9070


 60.8000, 102.0050,
51.1650


 174.8070, 64.5960,
29.7800


 48.7670, 88.4360,
38.2600


 195.4950, 47.6790,
22.4870

 37.3750, 74.5000,
26.5000

 216.1830, 30.7620,
15.1940

 28.1490, 54.4650,
20.6490

 237.5720, 13.2490,
7.6890

 19.1790, 36.5850,
14.2890

 8.1870, 15.7710,

6.0350

■ 0.0000, 0.0000,
0.0000

■ 104.6220,
117.5460, 61.3700

■ 104.6220,
117.5460, 61.3700

■ 87.0800, 131.1160,
68.7480

■ 121.5770,
104.2510, 54.5150

■ 82.2870, 134.9670,
70.5430

■ 139.2330, 90.3600,
47.4480

■ 156.1880, 77.0650,
40.5930

■ 173.7300, 63.4950,
33.2150

■ 190.6850, 50.2000,
26.3600

■ 208.2270, 36.6300,
18.9820

■ 225.1820, 23.3350,
12.1270

■ 242.8380, 9.4440,
5.0600

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



99.1220, 96.9080, 93.9960



104.6220, 117.5460, 61.3700



118.6430, 110.7710, 2.4110

Triad

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



104.6220, 117.5460, 61.3700



94.6500, -51.5670, -73.1910



114.7720, -122.0050, 2.9470

Complementary

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



104.6220, 117.5460, 61.3700



183.3780, -117.5460, -61.3700

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.



121.8330, -123.9750, -5.4070



104.6220, 117.5460, 61.3700



107.2750, -80.2270, -49.3710

Square

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



104.6220, 117.5460, 61.3700



116.5100, 22.7050, -53.5750



117.1130, -105.1730, -26.7810



120.4400, -73.1350, 31.3850

Rectangle

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



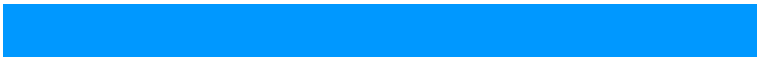
104.6220, 117.5460, 61.3700



123.4510, 84.2280, -17.6600



117.1130, -105.1730, -26.7810



118.2940, -123.6550, -0.1910

Sweetspot

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



104.6220, 117.5460, 61.3700



210.2160, 35.1630, 18.0350



110.3340, 32.4420, 105.9300



100.8720, 21.2720, 10.9680



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.



104.6220, 117.5460, 61.3700



82.2870, 134.9670, 70.5430



136.3590, 114.9870, 14.1150



119.1150, 7.1060, 3.3780



61.6690, 100.9960, 52.9320



20.6180, 33.9710, 17.6110

Inverse Universe

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



104.6220, 117.5460, 61.3700



82.2870, 134.9670, 70.5430



151.6410, -114.9870, -14.1150



119.1150, 7.1060, 3.3780



61.6690, 100.9960, 52.9320



20.6180, 33.9710, 17.6110

Previews

White Background



This preview shows how the YIQ color 104.6220, 117.5460, 61.3700 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 104.6220, 117.5460, 61.3700 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 104.6220, 117.5460, 61.3700

Background



This preview shows how black text looks on a background with the YIQ color 104.6220, 117.5460, 61.3700.



This preview shows how white text looks on a background with the YIQ color 104.6220, 117.5460,

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

104.6220, 117.5460, 61.3700

Protanopia

132.0410, 9.9500, -4.1140

Deuteranopia

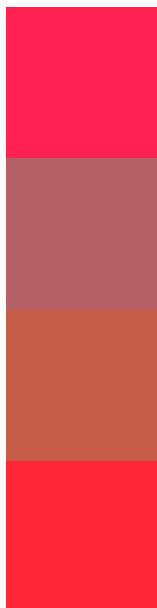
130.0380, 40.3950, -10.7170



Tritanopia

105.8610, 126.3980, 44.1100

Trichromacy



Original Color

104.6220, 117.5460, 61.3700

Protanomaly

121.9850, 49.0550, 19.5750

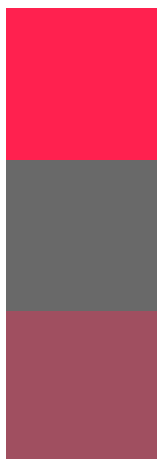
Deuteranomaly

120.7020, 68.7250, 15.5170

Tritanomaly

105.1090, 123.0040, 50.5560

Monochromacy



Original Color

104.6220, 117.5460, 61.3700

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.1570, 42.8190, 22.4590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.6220, 117.5460, 61.3700 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(255, 33, 79)` looks like.

```
.text, #text, p{  
    color:rgb(255, 33, 79)  
}
```

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(255, 33, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 33, 79) }
```

Border

The CSS property to change the border of an element to YIQ 104.6220, 117.5460, 61.3700 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(255, 33, 79) }
```


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

```
.border{ border-color:rgb(255, 33, 79) }
```

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

Here you see how a box with a 4 pixel rgb(255, 33, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 33, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 33, 79);  
box-shadow:4px 4px 4px 4px rgb(255, 33,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 104.6220, 117.5460, 61.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 33, 79) }
```

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

```
.background{ background-color: rgb(255, 33,  
79) }
```

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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