

Converting Colors

YIQ(115.8550, 109.3400,
55.9000)

Have a look what the booklet for
YIQ(115.8550, 109.3400, 55.9000)
contains.

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Color

**YIQ(115.8550, 109.3400,
55.9000)**

Conversions

Conversions Part 1

Format	Color
Hex	FF325A
RGB	255, 50, 90
RGB Percent	100%, 20%, 35%
CMY	0.0000, 0.8042, 0.6467
CMYK	0.00, 0.80, 0.65, 0.00
HSL	348°, 100%, 60%
HSV	348°, 80%, 100%
XYZ	44.2268, 24.2738, 12.0501
YIQ	115.8550, 109.3400, 55.9000

Conversions

Conversions Part 2

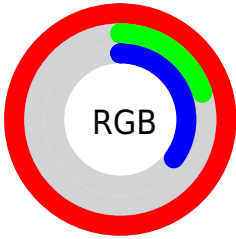
Format	Color
R_{YB}	255, 50, 90
Decimal	16724570
CIE _{Lab}	56.36, 75.55, 28.74
CIE _{LCh}	56, 80.833, 20.825
Yxy	24.2738, 0.5491, 0.3013
Android (android.graphics.Color)	4294914650 (0xFFFF325A)
YUV	115.8550, -12.7465, 122.0302
Hunter-Lab	49.2684, 74.0142, 19.9867

Details

The YIQ color **115.8550, 109.3400, 55.9000** 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 **189.1450, -109.3400, -55.9000**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **160.8840, 74.8650, 36.4090**, and **61.9400, 98.7950, 54.2750** is the 20% darker color. If you saturate the color by 10%, you get **98.3130, 122.9100, 63.2780**, and if you desaturate by 10%, it is **132.9240, 95.7240, 49.3560**.

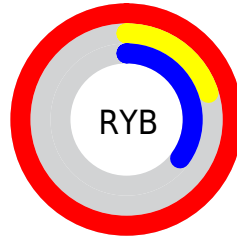
Distribution



Red (100%)

Green (20%)

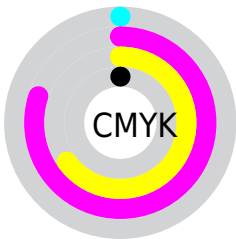
Blue (35%)



Red (100%)

Yellow (20%)

Blue (35%)

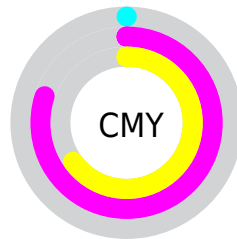


Cyan (0%)

Magenta (80%)

Yellow (65%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 115.8550, 109.3400, 55.9000 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 115.8550, 109.3400, 55.9000 by changing the saturation by 10% instead.


 115.8550,
109.3400, 55.9000


 115.8550,
109.3400, 55.9000


255.0000, -0.0000,
-0.0000


 74.0160, 110.8050,
67.9010


 160.8840, 74.8650,
36.4090


 61.9400, 98.7950,
54.2750


 181.4580, 58.2690,
28.8050

 50.0920, 86.1430,
41.2710

 202.1460, 41.3520,
21.5120

 37.9730, 75.6920,
26.9240

 222.9480, 24.1140,
14.5300

 28.6330, 55.9780,
20.7620

 243.8640, 6.5550,
7.8590

 19.7770, 37.7770,
14.7130

 9.0840, 17.5590,

6.6710

■ 0.0000, 0.0000,
0.0000

■ 115.8550,
109.3400, 55.9000

■ 115.8550,
109.3400, 55.9000

■ 98.3130, 122.9100,
63.2780

■ 132.9240, 95.7240,
49.3560

■ 81.9450, 135.9300,
69.6100

■ 150.4660, 82.1540,
41.9780

■ 167.5350, 68.5380,
35.4340

■ 185.0770, 54.9680,
28.0560

■ 202.1460, 41.3520,
21.5120

■ 219.6880, 27.7820,
14.1340

■ 236.7570, 14.1660,
7.5900

254.2990, 0.5960,
0.2120

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.



119.0950, 83.2020, 78.0660



115.8550, 109.3400, 55.9000



124.0110, 106.9190, 6.1430

Triad

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



115.8550, 109.3400, 55.9000



96.3940, -53.7220, -72.6820



117.1200, -123.1050, 0.8550

Complementary

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



115.8550, 109.3400, 55.9000



189.1450, -109.3400, -55.9000

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.



122.9100, -122.8740, -8.8420



115.8550, 109.3400, 55.9000



108.8080, -80.4100, -51.5620

Square

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



115.8550, 109.3400, 55.9000



120.6850, 29.5820, -51.5540



117.7170, -104.1180, -29.3820



123.0650, -76.5730, 27.6110

Rectangle

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



115.8550, 109.3400, 55.9000



127.3050, 87.5750, -17.7450



117.7170, -104.1180, -29.3820



120.0550, -124.4800, -1.7600

Sweetspot

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



115.8550, 109.3400, 55.9000



213.6070, 32.5040, 16.6640



122.4060, 31.9390, 98.5230



102.8610, 19.8050, 10.0210



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.



115.8550, 109.3400, 55.9000



87.3250, 131.8040, 67.2920



147.1020, 105.4050, 11.5570



119.1150, 7.1060, 3.3780



61.3270, 101.9590, 51.9990



20.5040, 34.2920, 17.3000

Inverse Universe

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



115.8550, 109.3400, 55.9000



87.3250, 131.8040, 67.2920



157.3110, -105.1300, -11.0340



119.1150, 7.1060, 3.3780



61.3270, 101.9590, 51.9990



20.5040, 34.2920, 17.3000

Previews

White Background



This preview shows how the YIQ color 115.8550, 109.3400, 55.9000 looks on a white background.

Color Contrast Check

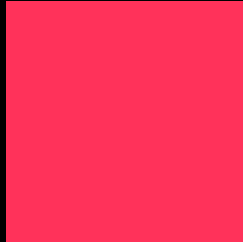
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.8550, 109.3400, 55.9000 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 115.8550, 109.3400, 55.9000

Background



This preview shows how black text looks on a background with the YIQ color 115.8550, 109.3400, 55.9000.



This preview shows how white text looks on a background with the YIQ color 115.8550, 109.3400, 55.9000.

55.9000.

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

115.8550, 109.3400, 55.9000

Protanopia

135.3550, 6.1900, -2.0500

Deuteranopia

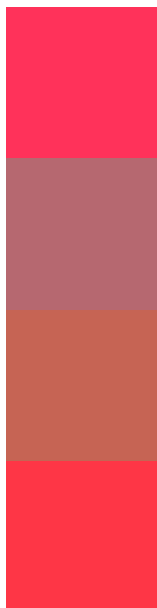
134.1780, 37.1850, -7.6070



Tritanopia

116.0170, 117.0910, 42.0750

Trichromacy



Original Color

115.8550, 109.3400, 55.9000

Protanomaly

128.2340, 43.9200, 19.0240

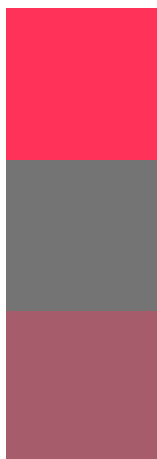
Deuteranomaly

127.4780, 63.5440, 15.8000

Tritanomaly

115.6240, 114.0640, 47.3760

Monochromacy



Original Color

115.8550, 109.3400, 55.9000

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

116.1350, 39.8850, 20.5650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.8550, 109.3400, 55.9000 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, 50, 90)` looks like.

```
.text, #text, p{  
    color:rgb(255, 50, 90)  
}
```

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, 50, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 50, 90) }
```

Border

The CSS property to change the border of an element to YIQ 115.8550, 109.3400, 55.9000 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, 50, 90) }
```


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

```
.border{ border-color:rgb(255, 50, 90) }
```

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

Here you see how a box with a 4 pixel rgb(255, 50, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 50, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 50, 90);  
box-shadow:4px 4px 4px 4px rgb(255, 50,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 115.8550, 109.3400, 55.9000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 50, 90) }
```

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

```
.background{ background-color: rgb(255, 50,  
90) }
```

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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