

Converting Colors

XYZ(66.5304, 44.1739, 34.1761)

Have a look what the booklet for
XYZ(66.5304, 44.1739, 34.1761)
contains.

XYZ(53.9089, 37.6603, 33.7060)	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

**XYZ(53.9089, 37.6603,
33.7060)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7B97
RGB	255, 123, 151
RGB Percent	100%, 48%, 59%
CMY	0.0000, 0.5176, 0.4078
CMYK	0.00, 0.52, 0.41, 0.00
HSL	347°, 100%, 74%
HSV	347°, 52%, 100%
XYZ	53.9089, 37.6603, 33.7060
YIQ	165.6600, 69.6840, 36.6920

Conversions

Conversions Part 2

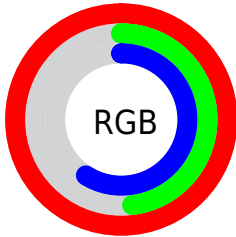
Format	Color
R _Y B	255, 123, 151
Decimal	16743319
CIE Lab	67.77, 52.81, 9.14
CIE LCh	68, 53.592, 9.815
Yxy	37.6603, 0.4303, 0.3006
Android (android.graphics.Color)	4294933399 (0xFFFF7B97)
YUV	165.6600, -7.2274, 78.3512
Hunter-Lab	61.3680, 49.4099, 10.3929

Details

The XYZ color **53.9089, 37.6603, 33.7060** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **57.7956, 81.2779, 85.3202**, and the grayscale version is **36.0929, 37.9725, 41.3521**.

A 20% lighter version of the original color is **68.3795, 57.9080, 65.3310**, and **26.6155, 16.5237, 13.8432** is the 20% darker color. If you saturate the color by 10%, you get **49.6523, 31.5398, 24.9112**, and if you desaturate by 10%, it is **59.2693, 45.5433, 44.2414**.

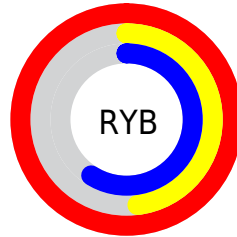
Distribution



Red (100%)

Green (48%)

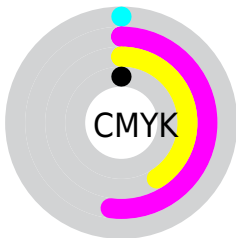
Blue (59%)



Red (100%)

Yellow (48%)

Blue (59%)

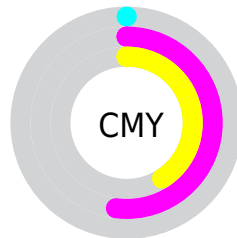


Cyan (0%)

Magenta (52%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9089, 37.6603, 33.7060 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 XYZ color 53.9089, 37.6603, 33.7060 by changing the saturation by 10% instead.


 53.9089, 37.6603,
33.7060


 53.9089, 37.6603,
33.7060


391.9665,
336.1605, 333.5482


 38.7592, 25.7191,
22.3923


 95.0981, 71.5872,
66.6049

 26.7523, 16.6136,
13.9444


 121.8684, 94.3417,
89.0271

 17.5229, 9.9594,
7.9437


 153.2429,
121.4694, 115.9893

 10.7056, 5.3721,
3.9717

189.5870,
153.3548, 147.9100

 5.9351, 2.4672,
1.6098

231.2661,
190.3822, 185.2077

 2.8459, 0.8601,
0.2978

278.6455,

 1.0728, 0.0000,

232.9360, 228.3009

0.0000

332.0905,
281.4006, 277.6082

■ 0.0022, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9089, 37.6603,
33.7060

■ 53.9089, 37.6603,
33.7060

■ 49.6523, 31.5398,
24.9112

■ 59.2693, 45.5433,
44.2414

■ 46.4170, 27.0394,
17.7588

■ 65.8019, 55.3049,
56.6036

■ 44.1134, 24.0045,
12.1437

■ 73.5730, 67.0580,
70.8758

■ 42.6339, 22.2468,
7.9467

■ 82.6432, 80.9050,
87.1350

■ 41.9077, 21.5271,
5.4463

■ 93.0689, 96.9414,
105.4542

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



52.9353, 37.6603, 58.8583



53.9089, 37.6603, 33.7060



49.4862, 37.6603, 18.1720

Triad

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



53.9089, 37.6603, 33.7060



26.5286, 37.6603, 14.9878



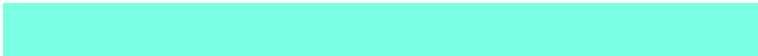
30.5723, 37.6603, 100.5017

Complementary

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



53.9089, 37.6603, 33.7060



57.7956, 81.2779, 85.3202

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.



24.8952, 37.6603, 77.7281



53.9089, 37.6603, 33.7060



22.8227, 37.6603, 27.1860

Square

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



53.9089, 37.6603, 33.7060



33.1461, 37.6603, 10.4684



22.2748, 37.6603, 49.2898



38.5814, 37.6603, 104.4332

Rectangle

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



53.9089, 37.6603, 33.7060



44.4215, 37.6603, 12.8511



22.2748, 37.6603, 49.2898



28.3645, 37.6603, 94.4716

Sweetspot

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



53.9099, 37.6622, 33.7067



78.6367, 74.7742, 79.9964



56.6241, 37.6216, 98.8850



16.4335, 15.3973, 16.4086



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



53.9099, 37.6622, 33.7067



49.5637, 31.4142, 24.7220



57.4569, 47.9727, 24.9728



18.1670, 18.0501, 19.4964



21.9414, 11.2659, 3.0759



2.1742, 1.1120, 0.4986

Inverse Universe

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



53.9099, 37.6622, 33.7067



49.5637, 31.4142, 24.7220



51.1879, 61.3683, 103.7551



18.1670, 18.0501, 19.4964



21.9414, 11.2659, 3.0759



2.1742, 1.1120, 0.4986

Previews

White Background



This preview shows how the XYZ color 53.9089, 37.6603, 33.7060 looks on a white background.

Color Contrast Check

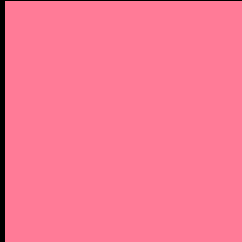
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 53.9089, 37.6603, 33.7060 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](#).

XYZ 53.9089, 37.6603, 33.7060

Background



This preview shows how black text looks on a background with the XYZ color 53.9089, 37.6603, 33.7060.



This preview shows how white text looks on a background with the XYZ color 53.9089, 37.6603,

33.7060.

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

53.9089, 37.6603, 33.7060

Protanopia

36.8210, 38.0733, 45.4526

Deuteranopia

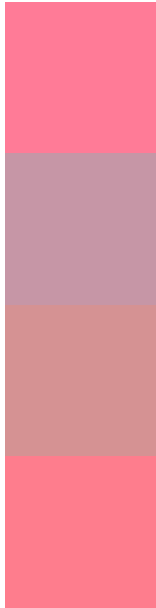
38.4952, 37.6594, 32.0281



Tritanopia

52.7071, 37.7418, 27.4286

Trichromacy



Original Color

53.9089, 37.6603, 33.7060

Protanomaly

41.0780, 36.5716, 40.9704

Deuteranomaly

42.9859, 36.8105, 32.4433

Tritanomaly

53.0144, 37.6611, 29.6745

Monochromacy



Original Color

53.9089, 37.6603, 33.7060

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

40.6281, 36.3917, 38.6012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9089, 37.6603, 33.7060 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, 123, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 123, 151)  
}
```

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, 123, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 123, 151) }
```

Border

The CSS property to change the border of an element to XYZ 53.9089, 37.6603, 33.7060 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, 123, 151) }
```


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

```
.border{ border-color:rgb(255, 123, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 123, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 123, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 123, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 123,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9089, 37.6603, 33.7060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 123, 151) }
```

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

```
.background{ background-color: rgb(255,  
123, 151) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor