

Converting Colors

XYZ(55.4795, 41.5579, 38.1191)

Have a look what the booklet for
XYZ(55.4795, 41.5579, 38.1191)
contains.

XYZ(55.2743, 41.4777, 37.8936)	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(55.2743, 41.4777,
37.8936)**

Conversions

Conversions Part 1

Format	Color
Hex	FB8B9F
RGB	251, 139, 159
RGB Percent	98%, 55%, 62%
CMY	0.0157, 0.4549, 0.3765
CMYK	0.00, 0.45, 0.37, 0.02
HSL	349°, 93%, 76%
HSV	349°, 45%, 98%
XYZ	55.2743, 41.4777, 37.8936
YIQ	174.7680, 60.3320, 29.9640

Conversions

Conversions Part 2

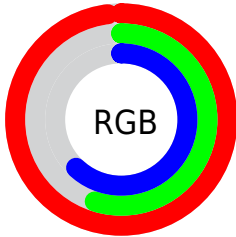
Format	Color
R _Y B	251, 139, 159
Decimal	16485279
CIE Lab	70.51, 44.46, 8.47
CIE LCh	71, 45.263, 10.791
Yxy	41.4777, 0.4105, 0.3081
Android (android.graphics.Color)	4294675359 (0xFFFB8B9F)
YUV	174.7680, -7.7736, 66.8555
Hunter-Lab	64.4032, 40.4928, 10.1971

Details

The XYZ color **55.2743, 41.4777, 37.8936** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.5705, 80.2538, 87.9567**, and the grayscale version is **40.6459, 42.7626, 46.5685**.

A 20% lighter version of the original color is **72.6694, 64.6986, 72.2763**, and **27.5204, 18.8147, 16.3685** is the 20% darker color. If you saturate the color by 10%, you get **50.4057, 34.3690, 28.1672**, and if you desaturate by 10%, it is **61.2778, 50.3783, 49.4716**.

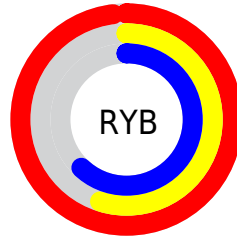
Distribution



Red (98%)

Green (55%)

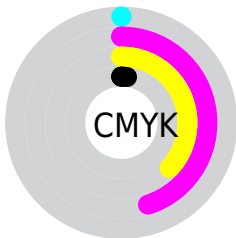
Blue (62%)



Red (98%)

Yellow (55%)

Blue (62%)

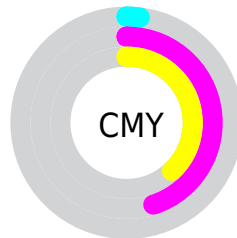


Cyan (0%)

Magenta (45%)

Yellow (37%)

Black (2%)



Cyan (2%)


Magenta (45%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.2743, 41.4777, 37.8936 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 55.2743, 41.4777, 37.8936 by changing the saturation by 10% instead.


 55.2743, 41.4777,
37.8936


 55.2743, 41.4777,
37.8936


397.0704,
352.3132, 352.4478


 39.8561, 28.6925,
25.5989


 97.0887, 77.4085,
73.1466

 27.6101, 18.8484,
16.3008


 124.2156,
101.3230, 96.9421

 18.1709, 11.5608,
9.5806


 155.9761,
129.7160, 125.4082

 11.1732, 6.4453,
5.0198

192.7356,
162.9720, 158.9635

 6.2516, 3.1177,
2.2000

234.8595,
201.4753, 198.0266

 3.0408, 1.1935,
0.6743

282.7129,

 1.1754, 0.0564,

245.6103, 243.0160

0.0000

336.6615,
295.7615, 294.3502

■ 0.0868, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2743, 41.4777,
37.8936

■ 55.2743, 41.4777,
37.8936

■ 50.4057, 34.3690,
28.1672

■ 61.2778, 50.3783,
49.4716

■ 46.5960, 28.9243,
20.1929

■ 68.4791, 61.1749,
62.9888

■ 43.7650, 25.0088,
13.8650

■ 76.9402, 73.9709,
78.5300

■ 41.8192, 22.4637,
9.0654

■ 86.7180, 88.8603,
96.1742

■ 40.6457, 21.0948,
5.6588

■ 93.5937, 99.2492,
108.8318

■ 40.2537, 20.6972,
4.3369

Harmonies

Analogous

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



54.5938, 41.4777, 60.0859



55.2743, 41.4777, 37.8936



51.3221, 41.4777, 23.2748

Triad

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



55.2743, 41.4777, 37.8936



30.7684, 41.4777, 20.6376



34.8859, 41.4777, 96.1779

Complementary

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



55.2743, 41.4777, 37.8936



59.5705, 80.2538, 87.9567

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.



29.5223, 41.4777, 77.7000



55.2743, 41.4777, 37.8936



27.3609, 41.4777, 32.9399

Square

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



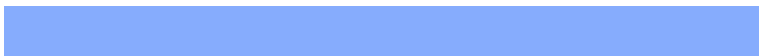
55.2743, 41.4777, 37.8936



36.7961, 41.4777, 15.6170



26.9355, 41.4777, 53.3054



42.1726, 41.4777, 98.7871

Rectangle

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



55.2743, 41.4777, 37.8936



46.8525, 41.4777, 17.9412



26.9355, 41.4777, 53.3054



32.8241, 41.4777, 91.3947

Sweetspot

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



55.2754, 41.4798, 37.8944



81.2929, 79.0115, 84.1963



59.4298, 42.3329, 96.3056



16.9502, 16.2288, 17.2036



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.



55.2754, 41.4798, 37.8944



52.5100, 36.0021, 29.7268



59.6717, 52.8282, 31.4807



17.3711, 17.2758, 18.5440



21.1962, 10.8942, 2.4755



1.9968, 1.0224, 0.4065

Inverse Universe

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



55.2754, 41.4798, 37.8944



52.5100, 36.0021, 29.7268



52.4983, 61.3287, 100.3375



17.3711, 17.2758, 18.5440



21.1962, 10.8942, 2.4755



1.9968, 1.0224, 0.4065

Previews

White Background



This preview shows how the XYZ color 55.2743, 41.4777, 37.8936 looks on a white background.

Color Contrast Check

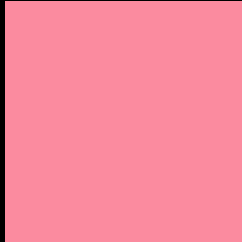
Large Text (above 18pt) WCAG AA × Fail

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 55.2743, 41.4777, 37.8936 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 55.2743, 41.4777, 37.8936

Background



This preview shows how black text looks on a background with the XYZ color 55.2743, 41.4777, 37.8936.



This preview shows how white text looks on a background with the XYZ color 55.2743, 41.4777,

37.8936.

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

55.2743, 41.4777, 37.8936

Protanopia

40.3675, 41.7933, 47.5343

Deuteranopia

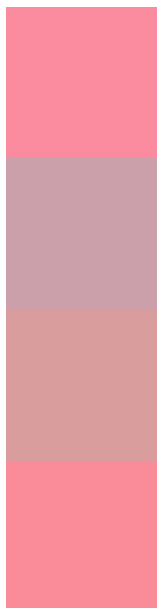
42.4164, 41.7063, 36.3864



Tritanopia

54.3883, 41.3145, 34.3861

Trichromacy



Original Color

55.2743, 41.4777, 37.8936

Protanomaly

44.4551, 40.7404, 43.5509

Deuteranomaly

46.3766, 41.1132, 36.9438

Tritanomaly

54.6352, 41.4133, 35.6858

Monochromacy



Original Color

55.2743, 41.4777, 37.8936

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

44.7104, 41.4017, 43.1710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2743, 41.4777, 37.8936 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(251, 139, 159)` looks like.

```
.text, #text, p{  
    color:rgb(251, 139, 159)  
}
```

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(251, 139, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 139, 159) }
```

Border

The CSS property to change the border of an element to XYZ 55.2743, 41.4777, 37.8936 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(251, 139, 159) }
```


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

```
.border{ border-color:rgb(251, 139, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 139, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 139, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 139, 159);  
box-shadow:4px 4px 4px 4px rgb(251, 139,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2743, 41.4777, 37.8936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 139, 159) }
```

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

```
.background{ background-color: rgb(251,  
139, 159) }
```

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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