

Converting Colors

XYZ(62.0703, 43.1997, 29.1973)

Have a look what the booklet for
XYZ(62.0703, 43.1997, 29.1973)
contains.

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Color

**XYZ(53.6777, 38.7955,
28.7039)**

Conversions

Conversions Part 1

Format	Color
Hex	FF818A
RGB	255, 129, 138
RGB Percent	100%, 51%, 54%
CMY	0.0000, 0.4941, 0.4588
CMYK	0.00, 0.49, 0.46, 0.00
HSL	356°, 100%, 75%
HSV	356°, 49%, 100%
XYZ	53.6777, 38.7955, 28.7039
YIQ	167.7000, 72.2070, 29.5110

Conversions

Conversions Part 2

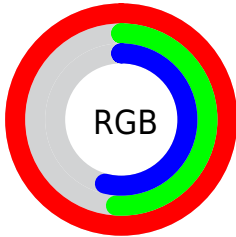
Format	Color
R _Y B	255, 129, 138
Decimal	16744842
CIE Lab	68.60, 48.62, 17.63
CIE LCh	69, 51.719, 19.927
Yxy	38.7955, 0.4430, 0.3202
Android (android.graphics.Color)	4294934922 (0xFFFF818A)
YUV	167.7000, -14.6421, 76.5621
Hunter-Lab	62.2860, 44.8296, 16.2770

Details

The XYZ color **53.6777, 38.7955, 28.7039** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.4499, 82.8418, 99.9454**, and the grayscale version is **37.1183, 39.0513, 42.5269**.

A 20% lighter version of the original color is **67.7845, 59.3026, 57.1641**, and **26.5257, 17.2061, 11.1556** is the 20% darker color. If you saturate the color by 10%, you get **49.1964, 32.2840, 19.6541**, and if you desaturate by 10%, it is **59.3727, 47.1364, 40.0028**.

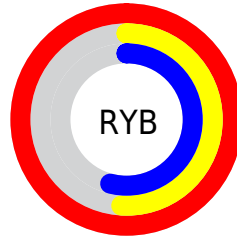
Distribution



Red (100%)

Green (51%)

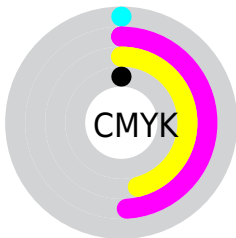
Blue (54%)



Red (100%)

Yellow (51%)

Blue (54%)

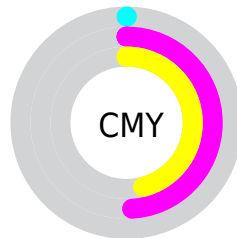


Cyan (0%)

Magenta (49%)

Yellow (46%)

Black (0%)



Cyan (0%)

Magenta (49%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6777, 38.7955, 28.7039 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 53.6777, 38.7955, 28.7039 by changing the saturation by 10% instead.

 53.6777, 38.7955,
28.7039


 53.6777, 38.7955,
28.7039


391.0982,
341.0203, 309.8324


 38.5737, 26.6007,
18.6133


 94.7605, 73.3258,
58.6429

 26.6075, 17.2735,
11.2172


 121.4701, 96.4301,
79.3283

 17.4137, 10.4297,
6.0971


 152.7788,
123.9396, 104.3824

 10.6270, 5.6848,
2.8345

189.0521,
156.2388, 134.2238

 5.8821, 2.6544,
1.0108

230.6554,
193.7121, 169.2709

 2.8135, 0.9541,
0.0000

277.9539,

 1.0559, 0.0000,

236.7438, 209.9424

0.0000

331.3131,
285.7184, 256.6567

■ 0.0000, 0.0000,
0.0000

■ 53.6777, 38.7955,
28.7039

■ 53.6777, 38.7955,
28.7039

■ 49.1964, 32.2840,
19.6541

■ 59.3727, 47.1364,
40.0028

■ 45.8377, 27.4590,
12.7008

■ 66.3578, 57.4236,
53.6852

■ 43.5026, 24.1663,
7.6759

■ 74.7065, 69.7713,
69.8776

■ 42.0732, 22.2207,
4.3842

■ 84.4860, 84.2833,
88.6968

■ 41.3790, 21.3418,
2.5818

95.0499, 99.9999,
108.9000

■ 41.3507, 21.3043,
2.5137

Harmonies

Analogous

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



54.5786, 38.7955, 50.5980



53.6777, 38.7955, 28.7039



47.9242, 38.7955, 16.3437

Triad

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



53.6777, 38.7955, 28.7039



26.1242, 38.7955, 19.4161



34.1974, 38.7955, 103.7224

Complementary

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



53.6777, 38.7955, 28.7039



61.4499, 82.8418, 99.9454

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.



27.6680, 38.7955, 86.7975



53.6777, 38.7955, 28.7039



23.4834, 38.7955, 34.8602

Square

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



53.6777, 38.7955, 28.7039



31.7811, 38.7955, 12.5159



24.0035, 38.7955, 59.4806



42.4837, 38.7955, 100.1290

Rectangle

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



53.6777, 38.7955, 28.7039



42.5251, 38.7955, 12.5334



24.0035, 38.7955, 59.4806



31.7471, 38.7955, 100.0593

Sweetspot

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



53.6787, 38.7975, 28.7046



78.8380, 75.8967, 77.8441



63.3833, 42.2453, 99.4210



16.4442, 15.6068, 15.8327



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.



53.6787, 38.7975, 28.7046



49.3570, 32.5162, 19.9818



61.8295, 56.0984, 28.3409



18.0620, 18.0081, 18.9435



21.6257, 11.1396, 1.4135



2.1231, 1.0916, 0.2295

Inverse Universe

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



53.6787, 38.7975, 28.7046



49.3570, 32.5162, 19.9818



48.3432, 54.3653, 102.5531



18.0620, 18.0081, 18.9435



21.6257, 11.1396, 1.4135



2.1231, 1.0916, 0.2295

Previews

White Background



This preview shows how the XYZ color 53.6777, 38.7955, 28.7039 looks on a white background.

Color Contrast Check

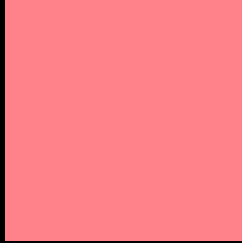
Large Text (above 18pt) WCAG AA × Fail

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 53.6777, 38.7955, 28.7039 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 53.6777, 38.7955, 28.7039

Background



This preview shows how black text looks on a background with the XYZ color 53.6777, 38.7955, 28.7039.



This preview shows how white text looks on a background with the XYZ color 53.6777, 38.7955,

28.7039.

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

53.6777, 38.7955, 28.7039

Protanopia

37.1381, 38.9560, 37.4602

Deuteranopia

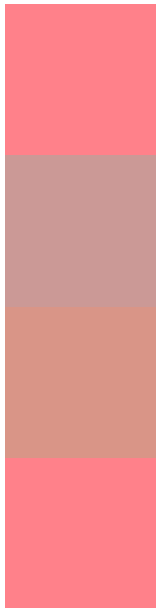
39.7435, 38.9190, 27.6077



Tritanopia

53.6777, 38.7955, 28.7039

Trichromacy



Original Color

53.6777, 38.7955, 28.7039

Protanomaly

41.5249, 37.6810, 33.9387

Deuteranomaly

43.7359, 37.9959, 27.9505

Tritanomaly

53.6777, 38.7955, 28.7039

Monochromacy



Original Color

53.6777, 38.7955, 28.7039

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

41.4608, 37.8249, 37.0140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6777, 38.7955, 28.7039 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, 129, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 138)  
}
```

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, 129, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 138) }
```

Border

The CSS property to change the border of an element to XYZ 53.6777, 38.7955, 28.7039 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, 129, 138) }
```


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

```
.border{ border-color:rgb(255, 129, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 129, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 129, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 129, 138); box-shadow:4px 4px 4px 4px rgb(255, 129, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6777, 38.7955, 28.7039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 129, 138) }
```

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

```
.background{ background-color: rgb(255,  
129, 138) }
```

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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