

Converting Colors

XYZ(55.1064, 38.4156, 61.6373)

Have a look what the booklet for
XYZ(55.1064, 38.4156, 61.6373)
contains.

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Color

**XYZ(55.1064, 38.4156,
61.6373)**

Conversions

Conversions Part 1

Format	Color
Hex	F27FCC
RGB	242, 127, 204
RGB Percent	95%, 50%, 80%
CMY	0.0510, 0.5019, 0.2000
CMYK	0.00, 0.48, 0.16, 0.05
HSL	320°, 82%, 72%
HSV	320°, 48%, 95%
XYZ	55.1064, 38.4156, 61.6373
YIQ	170.1630, 43.8230, 48.3270

Conversions

Conversions Part 2

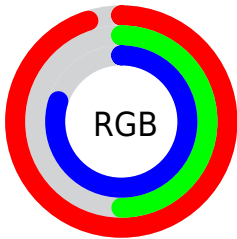
Format	Color
R_{YB}	242, 127, 204
Decimal	15892428
CIE _{Lab}	68.33, 53.45, -20.06
CIE _{LCh}	68, 57.091, 339.432
Yxy	38.4156, 0.3552, 0.2476
Android (android.graphics.Color)	4294082508 (0xFFFF27FCC)
YUV	170.1630, 16.6816, 63.0010
Hunter-Lab	61.9803, 50.2379, -15.5756

Details

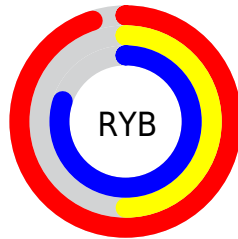
The XYZ color **55.1064, 38.4156, 61.6373** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **47.2978, 70.7341, 46.7605**, and the grayscale version is **38.1950, 40.1842, 43.7606**.

A 20% lighter version of the original color is **76.2235, 62.3470, 102.6245**, and **27.6547, 17.1574, 30.7083** is the 20% darker color. If you saturate the color by 10%, you get **51.4135, 32.5251, 55.7950**, and if you desaturate by 10%, it is **59.6015, 45.8304, 67.9907**.

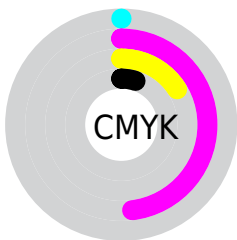
Distribution



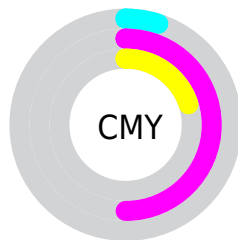
- Red (95%)
- Green (50%)
- Blue (80%)



- Red (95%)
- Yellow (50%)
- Blue (80%)



- Cyan (0%)
- Magenta (48%)
- Yellow (16%)
- Black (5%)





- Cyan (5%)
- Magenta (50%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1064, 38.4156, 61.6373 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 55.1064, 38.4156, 61.6373 by changing the saturation by 10% instead.


 55.1064, 38.4156,
61.6373


 55.1064, 38.4156,
61.6373

396.4450,
339.3994, 448.5779

 39.7211, 26.3054,
44.3058


 96.8442, 72.7447,
108.7677

 27.5044, 17.0523,
30.5720


 123.9275, 95.7324,
139.4036

 18.0909, 10.2718,
20.0175


 155.6408,
123.1147, 175.3114

 11.1154, 5.5795,
12.2235

192.3494,
155.2760, 216.9097

 6.2124, 2.5911,
6.7717

234.4188,
192.6008, 264.6169

 3.0165, 0.9222,
3.2435

282.2143,

 1.1625, 0.0000,

235.4733, 318.8517

1.2203

336.1012,
284.2781, 380.0325

■ 0.0765, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1064, 38.4156,
61.6373

■ 55.1064, 38.4156,
61.6373

■ 51.4135, 32.5251,
55.7950

■ 59.6015, 45.8304,
67.9907

■ 48.4637, 28.0438,
50.4396

■ 64.9450, 54.8628,
74.8730

■ 46.1956, 24.8494,
45.5470

■ 71.1839, 65.6049,
82.3039

■ 44.5354, 22.7955,
41.0890

■ 78.3606, 78.1403,
90.3007

■ 43.3857, 21.6887,
37.0293

■ 86.5146, 92.5471,
98.8799

■ 43.1426, 21.4871,
36.0707

■ 89.9461, 97.4245,
106.1450

■ 90.4282, 97.6174,
108.6837

Harmonies

Analogous

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



48.5675, 38.4156, 92.5969



55.1064, 38.4156, 61.6373



56.2512, 38.4156, 34.2617

Triad

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



55.1064, 38.4156, 61.6373



33.7653, 38.4156, 9.6176



24.7709, 38.4156, 81.5802

Complementary

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



55.1064, 38.4156, 61.6373



47.2978, 70.7341, 46.7605

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.



22.0342, 38.4156, 50.4336



55.1064, 38.4156, 61.6373



26.6388, 38.4156, 14.1454

Square

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



55.1064, 38.4156, 61.6373



42.8971, 38.4156, 10.5767



22.6571, 38.4156, 26.7952



30.7957, 38.4156, 107.0009

Rectangle

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



55.1064, 38.4156, 61.6373



53.6410, 38.4156, 21.9867



22.6571, 38.4156, 26.7952



23.4845, 38.4156, 71.0135

Sweetspot

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



55.1076, 38.4174, 61.6381



82.8582, 78.5630, 95.7519



38.8080, 29.4223, 87.6387



17.3738, 16.1868, 20.0855



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.



55.1076, 38.4174, 61.6381



58.0369, 36.8400, 63.0636



49.5607, 36.1987, 32.4287



16.2192, 15.9374, 18.7107



23.2422, 11.5693, 19.7238



1.9793, 0.9808, 1.8819

Inverse Universe

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



55.1076, 38.4174, 61.6381



58.0369, 36.8400, 63.0636



53.5460, 73.2334, 79.6630



16.2192, 15.9374, 18.7107



23.2422, 11.5693, 19.7238



1.9793, 0.9808, 1.8819

Previews

White Background



This preview shows how the XYZ color 55.1064, 38.4156, 61.6373 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 55.1064, 38.4156, 61.6373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

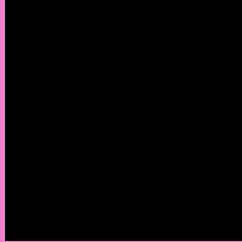
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.1064, 38.4156, 61.6373

Background



This preview shows how black text looks on a background with the XYZ color 55.1064, 38.4156, 61.6373.



This preview shows how white text looks on a background with the XYZ color 55.1064, 38.4156,

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

55.1064, 38.4156, 61.6373

Protanopia

39.9116, 38.8828, 81.0029

Deuteranopia

39.4387, 38.5964, 58.7973



Tritanopia

49.2495, 38.4680, 33.2631

Trichromacy



Original Color

55.1064, 38.4156, 61.6373



Protanomaly

43.4092, 37.2988, 73.3181



Deuteranomaly

43.8374, 37.5849, 59.5877



Tritanomaly

51.0853, 38.3697, 42.2497

Monochromacy



Original Color

55.1064, 38.4156, 61.6373



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

42.7640, 38.2244, 49.3801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1064, 38.4156, 61.6373 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(242, 127, 204)` looks like.

```
.text, #text, p{  
    color:rgb(242, 127, 204)  
}
```

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(242, 127, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 127, 204) }
```

Border

The CSS property to change the border of an element to XYZ 55.1064, 38.4156, 61.6373 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(242, 127, 204) }
```


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

```
.border{ border-color:rgb(242, 127, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 127, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 127, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 127, 204);  
box-shadow:4px 4px 4px 4px rgb(242, 127,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1064, 38.4156, 61.6373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 127, 204) }
```

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

```
.background{ background-color: rgb(242,  
127, 204) }
```

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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