

Converting Colors

XYZ(55.2414, 38.6706, 53.2678)

Have a look what the booklet for
XYZ(55.2414, 38.6706, 53.2678)
contains.

| | |
|--|----|
| XYZ(55.2414, 38.6706, 53.2678) | 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(55.2414, 38.6706,
53.2678)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F77FBE |
| RGB | 247, 127, 190 |
| RGB Percent | 97%, 50%, 75% |
| CMY | 0.0314, 0.5019, 0.2549 |
| CMYK | 0.00, 0.49, 0.23, 0.03 |
| HSL | 329°, 88%, 73% |
| HSV | 329°, 49%, 97% |
| XYZ | 55.2414, 38.6706, 53.2678 |
| YIQ | 170.0620, 51.2970, 45.0330 |

Conversions

Conversions Part 2

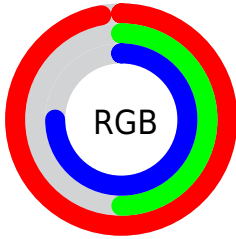
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 247, 127, 190 |
| Decimal | 16220094 |
| CIE Lab | 68.51, 52.99, -11.88 |
| CIE LCh | 69, 54.305, 347.363 |
| Yxy | 38.6706, 0.3753, 0.2627 |
| Android (android.graphics.Color) | 4294410174 (0xFFFF77FBE) |
| YUV | 170.0620, 9.8294, 67.4746 |
| Hunter-Lab | 62.1857, 49.7419, -7.2574 |

Details

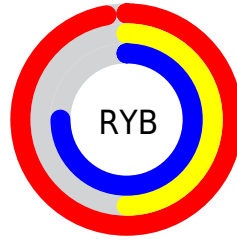
The XYZ color **55.2414, 38.6706, 53.2678** is a light color, and the websafe version is hex **FF99CC**, and the color name is **persian pink**. A complement of this color would be **50.6667, 74.4953, 57.0596**, and the grayscale version is **38.1752, 40.1633, 43.7378**.

A 20% lighter version of the original color is **74.8080, 61.7808, 95.1709**, and **27.6369, 17.2626, 25.5423** is the 20% darker color. If you saturate the color by 10%, you get **51.2023, 32.5625, 45.8470**, and if you desaturate by 10%, it is **60.1678, 46.3873, 61.4945**.

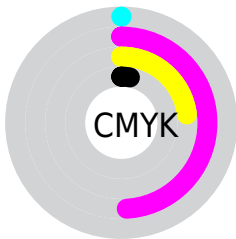
Distribution



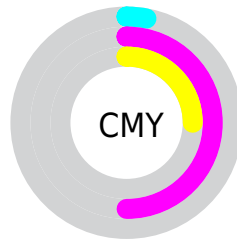
- Red (97%)
- Green (50%)
- Blue (75%)



- Red (97%)
- Yellow (50%)
- Blue (75%)



- Cyan (0%)
- Magenta (49%)
- Yellow (23%)
- Black (3%)





- Cyan (3%)
- Magenta (50%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.2414, 38.6706, 53.2678 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 55.2414, 38.6706, 53.2678 by changing the saturation by 10% instead.


 55.2414, 38.6706,
53.2678


 55.2414, 38.6706,
53.2678


396.9479,
340.4880, 416.4071


 39.8296, 26.5036,
37.6274


 97.0408, 73.1348,
96.4439

 27.5894, 17.2007,
25.3941


 124.1592, 96.2008,
124.8166

 18.1552, 10.3777,
16.1492


 155.9104,
123.6686, 158.2705

 11.1618, 5.6501,
9.4743

192.6600,
155.9226, 197.2242

 6.2439, 2.6335,
4.9508

234.7731,
193.3471, 242.0962

 3.0360, 0.9435,
2.1602

282.6153,

 1.1728, 0.0000,

236.3266, 293.3049

0.6513

336.5517,
285.2454, 351.2691

■ 0.0848, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2414, 38.6706,
53.2678

■ 55.2414, 38.6706,
53.2678

■ 51.2023, 32.5625,
45.8470

■ 60.1678, 46.3873,
61.4945

■ 47.9866, 27.9401,
39.1978

■ 66.0328, 55.8126,
70.5546

■ 45.5265, 24.6718,
33.2856

■ 72.8874, 67.0446,
80.4766

■ 43.7412, 22.5998,
28.0705

■ 80.7781, 80.1726,
91.2869

■ 42.5155, 21.4982,
23.5008

■ 89.7482, 95.2798,
103.0104

■ 42.3651, 21.3771,
22.8963

■ 92.1679, 98.5142,
108.7651

Harmonies

Analogous

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



50.2227, 38.6706, 82.7210



55.2414, 38.6706, 53.2678



54.7824, 38.6706, 29.5615

Triad

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



55.2414, 38.6706, 53.2678



32.0648, 38.6706, 11.2613



26.7074, 38.6706, 87.1015

Complementary

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



55.2414, 38.6706, 53.2678



50.6667, 74.4953, 57.0596

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.



23.1927, 38.6706, 57.7749



55.2414, 38.6706, 53.2678



25.9402, 38.6706, 17.5903

Square

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



55.2414, 38.6706, 53.2678



40.4701, 38.6706, 10.8494



22.9355, 38.6706, 32.6232



33.2750, 38.6706, 106.7730

Rectangle

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



55.2414, 38.6706, 53.2678



51.4295, 38.6706, 19.5109



22.9355, 38.6706, 32.6232



25.1771, 38.6706, 77.6236

Sweetspot

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



55.2425, 38.6725, 53.2685



81.2497, 76.8614, 90.5443



43.9082, 31.9637, 91.8515



17.0202, 15.8372, 18.8658



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.



55.2425, 38.6725, 53.2685



55.2381, 35.2882, 49.6574



50.0454, 36.5936, 25.9007



16.8626, 16.6279, 19.0229



22.4778, 11.3345, 12.4903



2.0275, 1.0170, 1.3713

Inverse Universe

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



55.2425, 38.6725, 53.2685



55.2381, 35.2882, 49.6574



58.1921, 77.5055, 96.6876



16.8626, 16.6279, 19.0229



22.4778, 11.3345, 12.4903



2.0275, 1.0170, 1.3713

Previews

White Background



This preview shows how the XYZ color 55.2414, 38.6706, 53.2678 looks on a white background.

Color Contrast Check

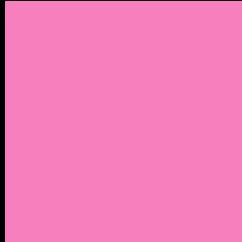
Large Text (above 18pt) WCAG AA × Fail

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 55.2414, 38.6706, 53.2678 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 55.2414, 38.6706, 53.2678

Background



This preview shows how black text looks on a background with the XYZ color 55.2414, 38.6706, 53.2678.



This preview shows how white text looks on a background with the XYZ color 55.2414, 38.6706,

53.2678.

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

55.2414, 38.6706, 53.2678

Protanopia

39.3573, 39.1003, 70.4385

Deuteranopia

39.6534, 38.8852, 50.7630



Tritanopia

50.9546, 38.7383, 31.9858

Trichromacy



Original Color

55.2414, 38.6706, 53.2678



Protanomaly

43.2298, 37.6528, 64.0208



Deuteranomaly

44.1264, 37.9144, 51.4469



Tritanomaly

52.2173, 38.6168, 38.8840

Monochromacy



Original Color

55.2414, 38.6706, 53.2678



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

42.7801, 38.2913, 46.7312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2414, 38.6706, 53.2678 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(247, 127, 190)` looks like.

```
.text, #text, p{  
    color:rgb(247, 127, 190)  
}
```

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(247, 127, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 127, 190) }
```

Border

The CSS property to change the border of an element to XYZ 55.2414, 38.6706, 53.2678 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(247, 127, 190) }
```


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

```
.border{ border-color:rgb(247, 127, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 127, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 127, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 127, 190); box-shadow:4px 4px 4px 4px rgb(247, 127, 190) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2414, 38.6706, 53.2678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 127, 190) }
```

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

```
.background{ background-color: rgb(247,  
127, 190) }
```

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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