

Converting Colors

XYZ(53.1204, 38.2446, 55.4740)

Have a look what the booklet for
XYZ(53.1204, 38.2446, 55.4740)
contains.

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Color

**XYZ(53.1138, 38.3048,
55.6331)**

Conversions

Conversions Part 1

Format	Color
Hex	EE83C2
RGB	238, 131, 194
RGB Percent	93%, 51%, 76%
CMY	0.0667, 0.4862, 0.2392
CMYK	0.00, 0.45, 0.18, 0.07
HSL	325°, 76%, 72%
HSV	325°, 45%, 93%
XYZ	53.1138, 38.3048, 55.6331
YIQ	170.1750, 43.5490, 42.2770

Conversions

Conversions Part 2

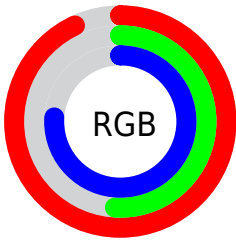
Format	Color
R _Y B	238, 131, 194
Decimal	15631298
CIE Lab	68.24, 48.71, -14.64
CIE LCh	68, 50.867, 343.273
Yxy	38.3048, 0.3612, 0.2605
Android (android.graphics.Color)	4293821378 (0xFFEE83C2)
YUV	170.1750, 11.7457, 59.4825
Hunter-Lab	61.8909, 44.8769, -9.9716

Details

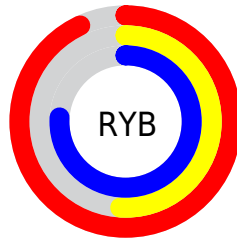
The XYZ color **53.1138, 38.3048, 55.6331** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **47.6742, 69.0706, 51.3799**, and the grayscale version is **38.2249, 40.2156, 43.7948**.

A 20% lighter version of the original color is **76.2115, 63.3428, 99.4764**, and **26.2804, 17.0455, 26.7159** is the 20% darker color. If you saturate the color by 10%, you get **49.2135, 32.2053, 49.0872**, and if you desaturate by 10%, it is **57.8229, 45.9050, 62.8066**.

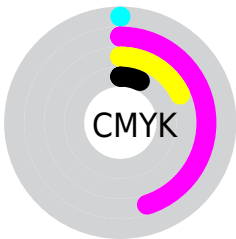
Distribution



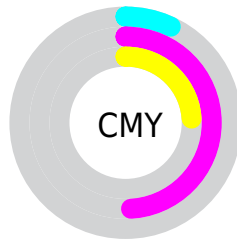
- Red (93%)
- Green (51%)
- Blue (76%)



- Red (93%)
- Yellow (51%)
- Blue (76%)



- Cyan (0%)
- Magenta (45%)
- Yellow (18%)
- Black (7%)





- Cyan (7%)
- Magenta (49%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1138, 38.3048, 55.6331 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 53.1138, 38.3048, 55.6331 by changing the saturation by 10% instead.


 53.1138, 38.3048,
55.6331

 53.1138, 38.3048,
55.6331


388.9753,
338.9257, 425.6567


 38.1215, 26.2193,
39.5068

 93.9363, 72.5751,
99.9484

 26.2546, 16.9878,
26.8434


 120.4973, 95.5287,
128.9744

 17.1479, 10.2258,
17.2242


 151.6451,
122.8738, 163.1375

 10.4360, 5.5489,
10.2308

187.7452,
154.9948, 202.8561

 5.7534, 2.5728,
5.4447

229.1629,
192.2761, 248.5488

 2.7350, 0.9130,
2.4472

276.2636,

 1.0152, 0.0000,

235.1021, 300.6341

0.8120

329.4126,
283.8571, 359.5305

0.0000, 0.0000,
0.0000

53.1138, 38.3048,
55.6331

53.1138, 38.3048,
55.6331

49.2135, 32.2053,
49.0872

57.8229, 45.9050,
62.8066

46.0661, 27.4987,
43.1423

63.3849, 55.0933,
70.6279

43.6141, 24.0713,
37.7726

69.8444, 65.9567,
79.1187

41.7890, 21.7889,
32.9480

77.2422, 78.5742,
88.2988

40.5074, 20.4866,
28.6332

85.6161, 93.0199,
98.1871

■ 40.0031, 20.0744,
26.6262

■ 88.7060, 96.7716,
106.7028

■ 89.0701, 96.9173,
108.6201

Harmonies

Analogous

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



47.9346, 38.3048, 82.4380



53.1138, 38.3048, 55.6331



53.4215, 38.3048, 32.4347

Triad

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



53.1138, 38.3048, 55.6331



33.0067, 38.3048, 11.9445



26.3651, 38.3048, 79.5307

Complementary

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



53.1138, 38.3048, 55.6331



47.6742, 69.0706, 51.3799

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.



23.4542, 38.3048, 52.5978



53.1138, 38.3048, 55.6331



26.8947, 38.3048, 17.2469

Square

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



53.1138, 38.3048, 55.6331



40.9912, 38.3048, 12.2440



23.6327, 38.3048, 30.3241



32.1791, 38.3048, 99.3189

Rectangle

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



53.1138, 38.3048, 55.6331



50.7561, 38.3048, 21.9907



23.6327, 38.3048, 30.3241



25.0553, 38.3048, 70.6616

Sweetspot

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



53.1149, 38.3066, 55.6339



83.2536, 79.7958, 94.5214



40.9618, 31.3836, 84.7881



17.4316, 16.4213, 19.7386



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.



53.1149, 38.3066, 55.6339



57.8724, 38.1471, 57.9648



48.2377, 36.3557, 29.9505



16.1633, 15.9150, 18.4159



22.3834, 11.2258, 15.2016



1.9114, 0.9536, 1.5243

Inverse Universe

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



53.1149, 38.3066, 55.6339



57.8724, 38.1471, 57.9648



53.8425, 71.5379, 83.8616



16.1633, 15.9150, 18.4159



22.3834, 11.2258, 15.2016



1.9114, 0.9536, 1.5243

Previews

White Background



This preview shows how the XYZ color 53.1138, 38.3048, 55.6331 looks on a white background.

Color Contrast Check

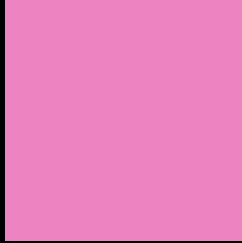
Large Text (above 18pt) WCAG AA × Fail

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 53.1138, 38.3048, 55.6331 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 53.1138, 38.3048, 55.6331

Background



This preview shows how black text looks on a background with the XYZ color 53.1138, 38.3048, 55.6331.



This preview shows how white text looks on a background with the XYZ color 53.1138, 38.3048,

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

53.1138, 38.3048, 55.6331

Protanopia

39.1164, 38.6923, 71.0524

Deuteranopia

39.3392, 38.3990, 53.4825



Tritanopia

48.4874, 38.2818, 33.6877

Trichromacy



Original Color

53.1138, 38.3048, 55.6331



Protanomaly

42.6670, 37.5763, 65.3257



Deuteranomaly

43.4965, 37.7651, 54.2871



Tritanomaly

50.0895, 38.3067, 40.8303

Monochromacy



Original Color

53.1138, 38.3048, 55.6331



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

42.5308, 38.6337, 47.8633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1138, 38.3048, 55.6331 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(238, 131, 194)` looks like.

```
.text, #text, p{  
    color:rgb(238, 131, 194)  
}
```

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(238, 131, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 131, 194) }
```

Border

The CSS property to change the border of an element to XYZ 53.1138, 38.3048, 55.6331 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(238, 131, 194) }
```


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

```
.border{ border-color:rgb(238, 131, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 131, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 131, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 131, 194); box-shadow:4px 4px 4px 4px rgb(238, 131, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1138, 38.3048, 55.6331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 131, 194) }
```

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

```
.background{ background-color: rgb(238,  
131, 194) }
```

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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