

Converting Colors

XYZ(55.6822, 41.4355, 49.3190)

Have a look what the booklet for
XYZ(55.6822, 41.4355, 49.3190)
contains.

XYZ(55.6822, 41.4355, 49.3190)	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(55.6822, 41.4355,
49.3190)**

Conversions

Conversions Part 1

Format	Color
Hex	F68BB6
RGB	246, 139, 182
RGB Percent	96%, 55%, 71%
CMY	0.0353, 0.4549, 0.2863
CMYK	0.00, 0.43, 0.26, 0.04
HSL	336°, 86%, 75%
HSV	336°, 43%, 96%
XYZ	55.6822, 41.4355, 49.3190
YIQ	175.8950, 49.9690, 36.0570

Conversions

Conversions Part 2

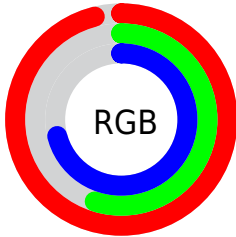
Format	Color
R _Y B	246, 139, 182
Decimal	16157622
CIE Lab	70.48, 45.61, -4.49
CIE LCh	70, 45.834, 354.374
Yxy	41.4355, 0.3802, 0.2830
Android (android.graphics.Color)	4294347702 (0xFFFF68BB6)
YUV	175.8950, 3.0098, 61.4821
Hunter-Lab	64.3704, 41.7593, -0.3672

Details

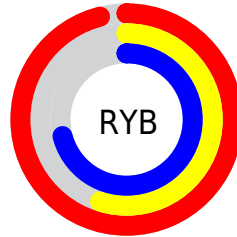
The XYZ color **55.6822, 41.4355, 49.3190** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.3847, 75.7135, 68.2517**, and the grayscale version is **41.1799, 43.3245, 47.1804**.

A 20% lighter version of the original color is **75.9644, 66.0166, 89.6276**, and **27.7838, 18.8054, 22.9343** is the 20% darker color. If you saturate the color by 10%, you get **51.0710, 34.5201, 40.6693**, and if you desaturate by 10%, it is **61.2569, 50.0215, 59.0792**.

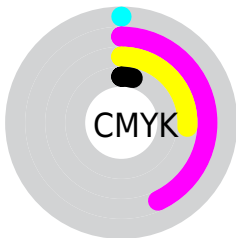
Distribution



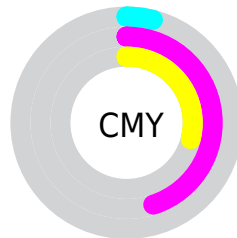
- Red (96%)
- Green (55%)
- Blue (71%)



- Red (96%)
- Yellow (55%)
- Blue (71%)



- Cyan (0%)
- Magenta (43%)
- Yellow (26%)
- Black (4%)





- Cyan (4%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6822, 41.4355, 49.3190 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 55.6822, 41.4355, 49.3190 by changing the saturation by 10% instead.


 55.6822, 41.4355,
49.3190


 55.6822, 41.4355,
49.3190


398.5872,
352.1375, 400.6553


 40.1842, 28.6595,
34.5052


 97.6823, 77.3446,
90.5509

 27.8670, 18.8234,
23.0015


 124.9150,
101.2464, 117.8062

 18.3654, 11.5428,
14.3893

 156.7901,
129.6257, 150.0456

 11.3139, 6.4331,
8.2501

193.6728,
162.8669, 187.6879

 6.3472, 3.1102,
4.1653

235.9285,
201.3542, 231.1514

 3.1000, 1.1895,
1.7165

283.9226,

 1.2069, 0.0531,

245.4722, 280.8548

0.3720

338.0204,
295.6051, 337.2166

■ 0.1118, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6822, 41.4355,
49.3190

■ 55.6822, 41.4355,
49.3190

■ 51.0710, 34.5201,
40.6693

■ 61.2569, 50.0215,
59.0792

■ 47.3605, 29.1584,
33.0836

■ 67.8456, 60.3725,
69.9885

■ 44.4854, 25.2281,
26.5151

■ 75.4993, 72.5832,
82.0868

■ 42.3696, 22.5853,
20.9116

■ 84.2646, 86.7397,
95.4108

■ 40.9212, 21.0555,
16.2140

■ 91.8162, 98.3329,
108.7487

■ 40.2513, 20.4910,
13.6011

Harmonies

Analogous

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



52.4114, 41.4355, 73.9497



55.6822, 41.4355, 49.3190



54.1534, 41.4355, 30.0318

Triad

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



55.6822, 41.4355, 49.3190



33.6868, 41.4355, 16.8395



31.5126, 41.4355, 88.0894

Complementary

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



55.6822, 41.4355, 49.3190



54.3847, 75.7135, 68.2517

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.



27.5772, 41.4355, 64.5573



55.6822, 41.4355, 49.3190



28.7155, 41.4355, 24.9616

Square

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



55.6822, 41.4355, 49.3190



40.8246, 41.4355, 15.0856



26.6225, 41.4355, 41.1592



37.9762, 41.4355, 100.4804

Rectangle

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



55.6822, 41.4355, 49.3190



50.7068, 41.4355, 21.8262



26.6225, 41.4355, 41.1592



29.8849, 41.4355, 80.9166

Sweetspot

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



55.6834, 41.4375, 49.3198



82.3416, 79.4309, 89.7186



50.0686, 37.5968, 91.8072



17.2068, 16.3314, 18.5549



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.



55.6834, 41.4375, 49.3198



56.0540, 38.3996, 45.3679



53.2447, 42.6128, 29.8474



16.7750, 16.5929, 18.5620



21.5494, 10.9632, 7.6015



1.9434, 0.9833, 0.9281

Inverse Universe

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



55.6834, 41.4375, 49.3198



56.0540, 38.3996, 45.3679



57.5918, 72.7606, 98.1980



16.7750, 16.5929, 18.5620



21.5494, 10.9632, 7.6015



1.9434, 0.9833, 0.9281

Previews

White Background



This preview shows how the XYZ color 55.6822, 41.4355, 49.3190 looks on a white background.

Color Contrast Check

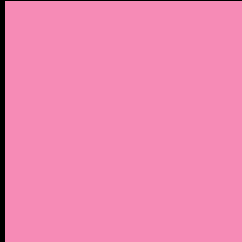
Large Text (above 18pt) WCAG AA × Fail

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 55.6822, 41.4355, 49.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

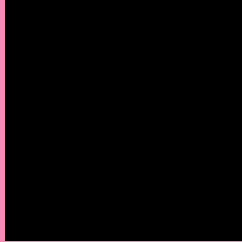
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6822, 41.4355, 49.3190

Background



This preview shows how black text looks on a background with the XYZ color 55.6822, 41.4355, 49.3190.



This preview shows how white text looks on a background with the XYZ color 55.6822, 41.4355,

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

55.6822, 41.4355, 49.3190

Protanopia

41.1599, 41.6056, 61.7384

Deuteranopia

42.4936, 41.5031, 47.3662



Tritanopia

52.8518, 41.3678, 36.2095

Trichromacy



Original Color

55.6822, 41.4355, 49.3190

Protanomaly

45.0134, 40.4722, 57.0692

Deuteranomaly

46.4881, 40.9239, 48.0967

Tritanomaly

53.7728, 41.2957, 40.7340

Monochromacy



Original Color

55.6822, 41.4355, 49.3190

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

45.2205, 41.8262, 47.8094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6822, 41.4355, 49.3190 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(246, 139, 182)` looks like.

```
.text, #text, p{  
    color:rgb(246, 139, 182)  
}
```

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(246, 139, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 139, 182) }
```

Border

The CSS property to change the border of an element to XYZ 55.6822, 41.4355, 49.3190 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(246, 139, 182) }
```


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

```
.border{ border-color:rgb(246, 139, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 139, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 139, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 139, 182);  
box-shadow:4px 4px 4px 4px rgb(246, 139,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6822, 41.4355, 49.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 139, 182) }
```

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

```
.background{ background-color: rgb(246,  
139, 182) }
```

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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