

Converting Colors

XYZ(55.7157, 39.8631, 38.6581)

Have a look what the booklet for
XYZ(55.7157, 39.8631, 38.6581)
contains.

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Color

**XYZ(55.6557, 39.7985,
38.4667)**

Conversions

Conversions Part 1

Format	Color
Hex	FF82A1
RGB	255, 130, 161
RGB Percent	100%, 51%, 63%
CMY	0.0000, 0.4902, 0.3686
CMYK	0.00, 0.49, 0.37, 0.00
HSL	345°, 100%, 75%
HSV	345°, 49%, 100%
XYZ	55.6557, 39.7985, 38.4667
YIQ	170.9090, 64.5490, 36.1410

Conversions

Conversions Part 2

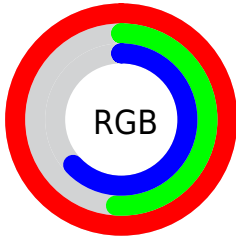
Format	Color
R _Y B	255, 130, 161
Decimal	16745121
CIE Lab	69.33, 50.52, 5.73
CIE LCh	69, 50.846, 6.468
Yxy	39.7985, 0.4156, 0.2972
Android (android.graphics.Color)	4294935201 (0xFFFF82A1)
YUV	170.9090, -4.8851, 73.7478
Hunter-Lab	63.0861, 47.0755, 8.0082

Details

The XYZ color **55.6557, 39.7985, 38.4667** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **58.4225, 81.6486, 83.2063**, and the grayscale version is **38.6653, 40.6789, 44.2993**.

A 20% lighter version of the original color is **71.1936, 61.3357, 73.0524**, and **27.9046, 17.8968, 16.7355** is the 20% darker color. If you saturate the color by 10%, you get **51.1108, 33.2108, 29.2384**, and if you desaturate by 10%, it is **61.3023, 48.1745, 49.3427**.

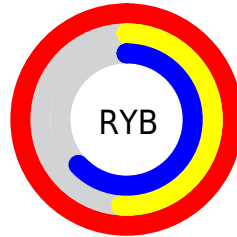
Distribution



Red (100%)

Green (51%)

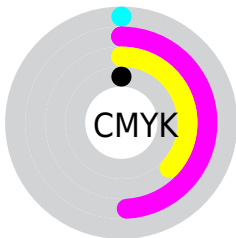
Blue (63%)



Red (100%)

Yellow (51%)

Blue (63%)

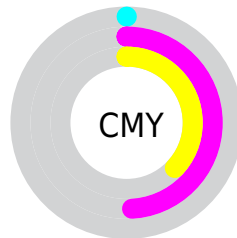


Cyan (0%)

Magenta (49%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6557, 39.7985, 38.4667 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 55.6557, 39.7985, 38.4667 by changing the saturation by 10% instead.


 55.6557, 39.7985,
38.4667

 55.6557, 39.7985,
38.4667


398.4888,
345.2735, 354.9758


 40.1629, 27.3815,
26.0405

 97.6437, 74.8566,
74.0342

 27.8503, 17.8599,
16.6279


 124.8696, 98.2664,
98.0126

 18.3527, 10.8495,
9.8104


 156.7373,
126.1093, 126.6788

 11.3047, 5.9657,
5.1695

193.6120,
158.7697, 160.4514

 6.3410, 2.8242,
2.2866

235.8591,
196.6319, 199.7488

 3.0961, 1.0407,
0.7237

283.8441,

 1.2048, 0.0000,

240.0803, 244.9897

0.0000

337.9322,
289.4994, 296.5925

■ 0.1102, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6557, 39.7985,
38.4667

■ 55.6557, 39.7985,
38.4667

■ 51.1108, 33.2108,
29.2384

■ 61.3023, 48.1745,
49.3427

■ 47.5896, 28.2743,
21.5724

■ 68.1155, 58.4508,
61.9411

■ 45.0082, 24.8415,
15.3787

■ 76.1583, 70.7372,
76.3348

■ 43.2672, 22.7356,
10.5558

■ 85.4886, 85.1334,
92.5914

■ 42.2247, 21.6974, 95.0500, 100.0000,
6.9812 108.9000

■ 42.1437, 21.6215,
6.6886

Harmonies

Analogous

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



54.1116, 39.7985, 63.8624



55.6557, 39.7985, 38.4667



51.8987, 39.7985, 21.7381

Triad

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



55.6557, 39.7985, 38.4667



29.2475, 39.7985, 16.3131



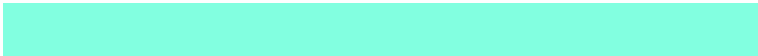
31.9028, 39.7985, 98.9615

Complementary

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



55.6557, 39.7985, 38.4667



58.4225, 81.6486, 83.2063

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.



26.5613, 39.7985, 75.9020



55.6557, 39.7985, 38.4667



25.1894, 39.7985, 27.7562

Square

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



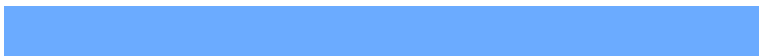
55.6557, 39.7985, 38.4667



36.0873, 39.7985, 12.2654



24.2817, 39.7985, 48.5951



39.6223, 39.7985, 105.0668

Rectangle

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



55.6557, 39.7985, 38.4667



47.1725, 39.7985, 15.6342



24.2817, 39.7985, 48.5951



29.8058, 39.7985, 92.6147

Sweetspot

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



55.6567, 39.8005, 38.4674



79.7481, 76.2608, 82.6370



56.6972, 38.9949, 99.1462



16.6605, 15.6933, 16.9717



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.



55.6567, 39.8005, 38.4674



51.1175, 33.2204, 29.2525



58.0594, 48.4511, 27.4137



18.1941, 18.0609, 19.6392



22.0704, 11.3175, 3.7555



2.1902, 1.1185, 0.5832

Inverse Universe

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



55.6567, 39.8005, 38.4674



51.1175, 33.2204, 29.2525



53.8461, 65.1445, 104.3439



18.1941, 18.0609, 19.6392



22.0704, 11.3175, 3.7555



2.1902, 1.1185, 0.5832

Previews

White Background



This preview shows how the XYZ color 55.6557, 39.7985, 38.4667 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 55.6557, 39.7985, 38.4667 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 55.6557, 39.7985, 38.4667

Background



This preview shows how black text looks on a background with the XYZ color 55.6557, 39.7985, 38.4667.



This preview shows how white text looks on a background with the XYZ color 55.6557, 39.7985,

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

55.6557, 39.7985, 38.4667

Protanopia

39.0974, 40.2298, 50.5042

Deuteranopia

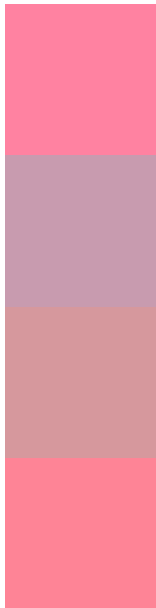
40.6777, 39.9938, 36.5860



Tritanopia

53.8535, 39.6409, 30.7997

Trichromacy



Original Color

55.6557, 39.7985, 38.4667

Protanomaly

43.2786, 38.8172, 45.7689

Deuteranomaly

45.0456, 39.1869, 37.0880

Tritanomaly

54.6293, 39.7754, 33.6523

Monochromacy



Original Color

55.6557, 39.7985, 38.4667

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

43.2206, 39.1235, 41.8328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6557, 39.7985, 38.4667 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, 130, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 161)  
}
```

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, 130, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 161) }
```

Border

The CSS property to change the border of an element to XYZ 55.6557, 39.7985, 38.4667 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, 130, 161) }
```


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

```
.border{ border-color:rgb(255, 130, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 130, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6557, 39.7985, 38.4667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 161) }
```

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

```
.background{ background-color: rgb(255,  
130, 161) }
```

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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