

Converting Colors

XYZ(55.1635, 40.3831, 59.7636)

Have a look what the booklet for
XYZ(55.1635, 40.3831, 59.7636)
contains.

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Color

**XYZ(55.1647, 40.3037,
59.5155)**

Conversions

Conversions Part 1

Format	Color
Hex	F088C8
RGB	240, 136, 200
RGB Percent	94%, 53%, 78%
CMY	0.0588, 0.4666, 0.2157
CMYK	0.00, 0.43, 0.17, 0.06
HSL	323°, 78%, 74%
HSV	323°, 43%, 94%
XYZ	55.1647, 40.3037, 59.5155
YIQ	174.3920, 41.4400, 41.9520

Conversions

Conversions Part 2

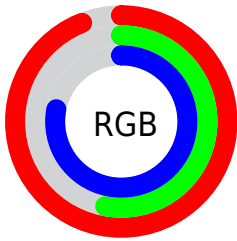
Format	Color
R _Y B	240, 136, 200
Decimal	15763656
CIE Lab	69.69, 47.74, -15.79
CIE LCh	70, 50.283, 341.695
Yxy	40.3037, 0.3559, 0.2601
Android (android.graphics.Color)	4293953736 (0xFFFF088C8)
YUV	174.3920, 12.6247, 57.5382
Hunter-Lab	63.4852, 44.0063, -11.1430

Details

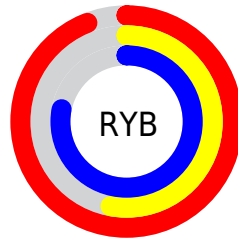
The XYZ color **55.1647, 40.3037, 59.5155** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **49.1517, 70.6903, 52.1314**, and the grayscale version is **40.3570, 42.4587, 46.2375**.

A 20% lighter version of the original color is **77.9208, 65.7416, 103.1903**, and **27.5730, 18.2069, 29.2552** is the 20% darker color. If you saturate the color by 10%, you get **51.1089, 33.8665, 53.0005**, and if you desaturate by 10%, it is **60.0447, 48.2841, 66.6275**.

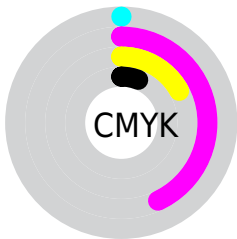
Distribution



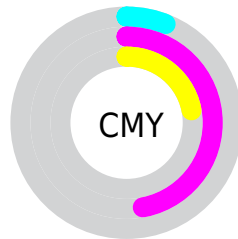
- Red (94%)
- Green (53%)
- Blue (78%)



- Red (94%)
- Yellow (53%)
- Blue (78%)



- Cyan (0%)
- Magenta (43%)
- Yellow (17%)
- Black (6%)




- Cyan (6%)
- Magenta (47%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1647, 40.3037, 59.5155 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 55.1647, 40.3037, 59.5155 by changing the saturation by 10% instead.


 55.1647, 40.3037,
59.5155

 55.1647, 40.3037,
59.5155


396.6622,
347.4020, 440.5646


 39.7680, 27.7754,
42.6055


 96.9291, 75.6258,
105.6630

 27.5411, 18.1564,
29.2466


 124.0276, 99.1883,
135.7376

 18.1187, 11.0624,
19.0203


 155.7572,
127.1978, 171.0374

 11.1354, 6.1088,
11.5080

192.4836,
160.0385, 211.9811

 6.2260, 2.9113,
6.2911

234.5719,
198.0948, 258.9871

 3.0249, 1.0856,
2.9513

282.3875,

 1.1670, 0.0000,

241.7513, 312.4740

1.0698

336.2958,
291.3922, 372.8603

■ 0.0800, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1647, 40.3037,
59.5155

■ 55.1647, 40.3037,
59.5155

■ 51.1089, 33.8665,
53.0005

■ 60.0447, 48.2841,
66.6275

■ 47.8215, 28.8642,
47.0571

■ 65.7929, 57.8952,
74.3553

■ 45.2451, 25.1832,
41.6607

■ 72.4541, 69.2247,
82.7197

■ 43.3121, 22.6904,
36.7828

■ 80.0691, 82.3523,
91.7395

■ 41.9406, 21.2241,
32.3901

■ 88.3542, 96.7089,
101.3252

■ 41.2561, 20.6537,
29.6999

■ 89.7455, 97.2654,
108.6518

Harmonies

Analogous

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



49.6857, 40.3037, 86.5670



55.1647, 40.3037, 59.5155



55.7623, 40.3037, 35.4131

Triad

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



55.1647, 40.3037, 59.5155



35.2227, 40.3037, 13.0047



27.7719, 40.3037, 80.9469

Complementary

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



55.1647, 40.3037, 59.5155



49.1517, 70.6903, 52.1314

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.



24.9379, 40.3037, 53.6080



55.1647, 40.3037, 59.5155



28.8142, 40.3037, 18.2080

Square

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



55.1647, 40.3037, 59.5155



43.4347, 40.3037, 13.6081



25.2903, 40.3037, 31.2612



33.6005, 40.3037, 101.6539

Rectangle

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



55.1647, 40.3037, 59.5155



53.2218, 40.3037, 24.3002



25.2903, 40.3037, 31.2612



26.4774, 40.3037, 71.8878

Sweetspot

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



55.1659, 40.3056, 59.5163



83.3860, 79.8487, 95.2183



42.4086, 33.1164, 86.5957



17.4643, 16.4344, 19.9109



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.



55.1659, 40.3056, 59.5163



59.1475, 39.6370, 61.6584



50.0968, 38.2779, 32.8226



16.1816, 15.9224, 18.5127



22.6510, 11.3328, 16.6108



1.9328, 0.9622, 1.6370

Inverse Universe

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



55.1659, 40.3056, 59.5163



59.1475, 39.6370, 61.6584



55.3000, 73.1496, 84.5075



16.1816, 15.9224, 18.5127



22.6510, 11.3328, 16.6108



1.9328, 0.9622, 1.6370

Previews

White Background



This preview shows how the XYZ color 55.1647, 40.3037, 59.5155 looks on a white background.

Color Contrast Check

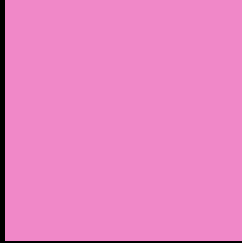
Large Text (above 18pt) WCAG AA × Fail

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 55.1647, 40.3037, 59.5155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

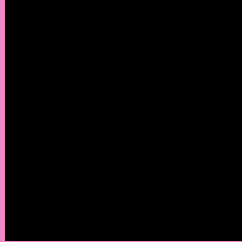
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1647, 40.3037, 59.5155

Background



This preview shows how black text looks on a background with the XYZ color 55.1647, 40.3037, 59.5155.



This preview shows how white text looks on a background with the XYZ color 55.1647, 40.3037,

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

55.1647, 40.3037, 59.5155

Protanopia

41.2176, 40.7716, 75.5093

Deuteranopia

41.3910, 40.4427, 57.2544



Tritanopia

50.3871, 40.3133, 36.5780

Trichromacy



Original Color

55.1647, 40.3037, 59.5155



Protanomaly

44.8162, 39.5850, 69.5686



Deuteranomaly

45.3526, 39.6160, 58.0796



Tritanomaly

52.0444, 40.3291, 44.0710

Monochromacy



Original Color

55.1647, 40.3037, 59.5155



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

44.4068, 40.5663, 50.2893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1647, 40.3037, 59.5155 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(240, 136, 200)` looks like.

```
.text, #text, p{  
    color:rgb(240, 136, 200)  
}
```

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(240, 136, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 136, 200) }
```

Border

The CSS property to change the border of an element to XYZ 55.1647, 40.3037, 59.5155 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(240, 136, 200) }
```


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

```
.border{ border-color:rgb(240, 136, 200) }
```

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

Here you see how a box with a 4 pixel rgb(240, 136, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 136, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 136, 200);  
box-shadow:4px 4px 4px 4px rgb(240, 136,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1647, 40.3037, 59.5155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 136, 200) }
```

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

```
.background{ background-color: rgb(240,  
136, 200) }
```

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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