

Converting Colors

XYZ(55.2804, 43.6044, 37.7103)

Have a look what the booklet for
XYZ(55.2804, 43.6044, 37.7103)
contains.

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Color

**XYZ(55.1192, 43.4226,
37.8240)**

Conversions

Conversions Part 1

Format	Color
Hex	F7949E
RGB	247, 148, 158
RGB Percent	97%, 58%, 62%
CMY	0.0314, 0.4196, 0.3804
CMYK	0.00, 0.40, 0.36, 0.03
HSL	354°, 86%, 77%
HSV	354°, 40%, 97%
XYZ	55.1192, 43.4226, 37.8240
YIQ	178.7410, 55.7940, 24.0980

Conversions

Conversions Part 2

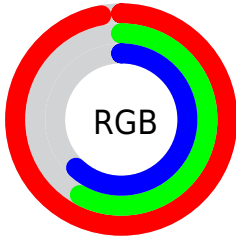
Format	Color
R _Y B	247, 148, 158
Decimal	16225438
CIE Lab	71.84, 38.33, 10.86
CIE LCh	72, 39.840, 15.812
Yxy	43.4226, 0.4042, 0.3184
Android (android.graphics.Color)	4294415518 (0xFF7949E)
YUV	178.7410, -10.2253, 59.8631
Hunter-Lab	65.8958, 33.9903, 12.0948

Details

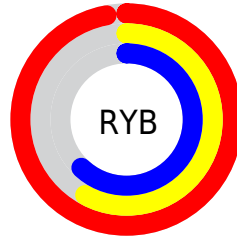
The XYZ color **55.1192, 43.4226, 37.8240** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.7616, 78.9328, 92.1583**, and the grayscale version is **42.7429, 44.9689, 48.9711**.

A 20% lighter version of the original color is **74.6062, 68.7760, 72.2937**, and **27.4851, 19.9373, 16.3096** is the 20% darker color. If you saturate the color by 10%, you get **49.9082, 35.7880, 27.4934**, and if you desaturate by 10%, it is **61.5045, 52.8527, 50.2508**.

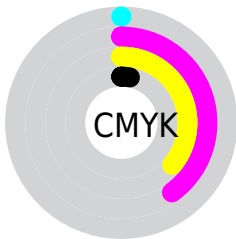
Distribution



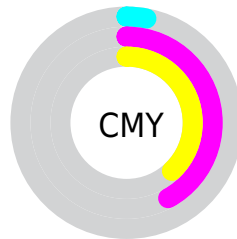
- Red (97%)
- Green (58%)
- Blue (62%)



- Red (97%)
- Yellow (58%)
- Blue (62%)



- Cyan (0%)
- Magenta (40%)
- Yellow (36%)
- Black (3%)





- Cyan (3%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1192, 43.4226, 37.8240 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 55.1192, 43.4226, 37.8240 by changing the saturation by 10% instead.


 55.1192, 43.4226,
37.8240

 55.1192, 43.4226,
37.8240


396.4927,
360.3468, 352.1399

 39.7314, 30.2168,
25.5453


 96.8629, 80.3482,
73.0387

 27.5124, 20.0032,
16.2611


 123.9495,
104.8368, 96.8119

 18.0970, 12.3974,
9.5528

155.6663,
133.8552, 125.2536

 11.1198, 7.0149,
5.0017

192.3789,
167.7876, 158.7825

 6.2153, 3.4714,
2.1895

234.4524,
207.0187, 197.8170

 3.0184, 1.3825,
0.6683

282.2523,

 1.1635, 0.2038,

251.9326, 242.7757

0.0000

336.1440,
302.9139, 294.0772

■ 0.0772, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1192, 43.4226,
37.8240

■ 55.1192, 43.4226,
37.8240

■ 49.9082, 35.7880,
27.4934

■ 61.5045, 52.8527,
50.2508

■ 45.7963, 29.8291,
19.1408

■ 69.1262, 64.1755,
64.8780

■ 42.7052, 25.4212,
12.6401

■ 78.0462, 77.4890,
81.8060

■ 40.5444, 22.4200,
7.8494

■ 88.3211, 92.8822,
101.1282

■ 39.2074, 20.6535,
4.6061

■ 92.1677, 98.5141,
108.7651

■ 38.5325, 19.8441,
2.7155

Harmonies

Analogous

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



55.2353, 43.4226, 57.0273



55.1192, 43.4226, 37.8240



51.0351, 43.4226, 25.2541

Triad

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



55.1192, 43.4226, 37.8240



32.6169, 43.4226, 25.7499



38.1603, 43.4226, 93.4642

Complementary

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



55.1192, 43.4226, 37.8240



60.7616, 78.9328, 92.1583

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.



32.8407, 43.4226, 79.3993



55.1192, 43.4226, 37.8240



29.8856, 43.4226, 38.7117

Square

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



55.1192, 43.4226, 37.8240



37.8226, 43.4226, 19.6994



29.9628, 43.4226, 58.1933



44.9247, 43.4226, 93.0334

Rectangle

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



55.1192, 43.4226, 37.8240



46.8434, 43.4226, 20.7575



29.9628, 43.4226, 58.1933



36.1607, 43.4226, 90.1374

Sweetspot

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



55.1204, 43.4247, 37.8248



81.9361, 80.3597, 84.2201



61.7894, 45.6363, 93.5477



17.2595, 16.7847, 17.4999



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.



55.1204, 43.4247, 37.8248



54.6804, 39.9687, 31.6035



61.2528, 57.0110, 35.7956



16.5671, 16.5097, 17.4669



20.4019, 10.5042, 1.5591



1.8154, 0.9321, 0.2543

Inverse Universe

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



55.1204, 43.4247, 37.8248



54.6804, 39.9687, 31.6035



51.8158, 58.6387, 96.5830



16.5671, 16.5097, 17.4669



20.4019, 10.5042, 1.5591



1.8154, 0.9321, 0.2543

Previews

White Background



This preview shows how the XYZ color 55.1192, 43.4226, 37.8240 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 55.1192, 43.4226, 37.8240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

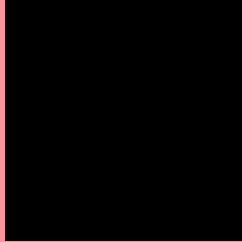
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1192, 43.4226, 37.8240

Background



This preview shows how black text looks on a background with the XYZ color 55.1192, 43.4226, 37.8240.



This preview shows how white text looks on a background with the XYZ color 55.1192, 43.4226,

37.8240.

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

55.1192, 43.4226, 37.8240

Protanopia

41.8906, 43.7711, 45.7760

Deuteranopia

44.5646, 43.6391, 36.6462



Tritanopia

55.2057, 43.4572, 38.2793

Trichromacy



Original Color

55.1192, 43.4226, 37.8240



Protanomaly

45.6059, 42.9370, 42.9298



Deuteranomaly

47.7502, 43.1126, 36.8152



Tritanomaly

55.2057, 43.4572, 38.2793

Monochromacy



Original Color

55.1192, 43.4226, 37.8240



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

46.2552, 43.7829, 44.5411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1192, 43.4226, 37.8240 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, 148, 158)` looks like.

```
.text, #text, p{  
    color:rgb(247, 148, 158)  
}
```

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, 148, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 148, 158) }
```

Border

The CSS property to change the border of an element to XYZ 55.1192, 43.4226, 37.8240 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, 148, 158) }
```


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

```
.border{ border-color:rgb(247, 148, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 148, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 148, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 148, 158);  
box-shadow:4px 4px 4px 4px rgb(247, 148,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1192, 43.4226, 37.8240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 148, 158) }
```

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

```
.background{ background-color: rgb(247,  
148, 158) }
```

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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