

Converting Colors

XYZ(49.0611, 24.6187, 55.8200)

Have a look what the booklet for
XYZ(49.0611, 24.6187, 55.8200)
contains.

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Color

**XYZ(48.8984, 24.5466,
55.5868)**

Conversions

Conversions Part 1

Format	Color
Hex	F719C6
RGB	247, 25, 198
RGB Percent	97%, 10%, 78%
CMY	0.0314, 0.9019, 0.2235
CMYK	0.00, 0.90, 0.20, 0.03
HSL	313°, 93%, 53%
HSV	313°, 90%, 97%
XYZ	48.8984, 24.5466, 55.5868
YIQ	111.1000, 76.7790, 100.8670

Conversions

Conversions Part 2

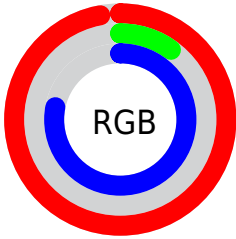
Format	Color
R _Y B	247, 25, 198
Decimal	16193990
CIE Lab	56.63, 87.58, -34.62
CIE LCh	57, 94.171, 338.431
Yxy	24.5466, 0.3790, 0.1902
Android (android.graphics.Color)	4294384070 (0xFFFF719C6)
YUV	111.1000, 42.8417, 119.1843
Hunter-Lab	49.5445, 89.4692, -31.8396

Details

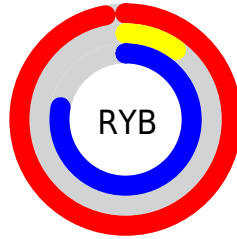
The XYZ color **48.8984, 24.5466, 55.5868** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **34.8994, 67.2236, 17.6193**, and the grayscale version is **15.0067, 15.7882, 17.1934**.

A 20% lighter version of the original color is **64.5477, 38.9954, 98.7326**, and **25.2837, 12.4527, 27.4566** is the 20% darker color. If you saturate the color by 10%, you get **47.9368, 23.6114, 52.2190**, and if you desaturate by 10%, it is **50.3205, 26.3656, 59.2201**.

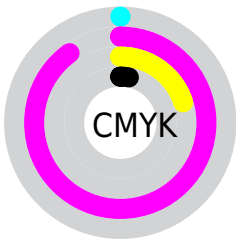
Distribution



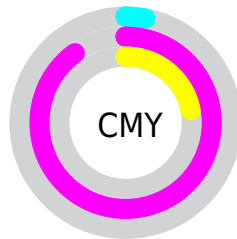
- Red (97%)
- Green (10%)
- Blue (78%)



- Red (97%)
- Yellow (10%)
- Blue (78%)



- Cyan (0%)
- Magenta (90%)
- Yellow (20%)
- Black (3%)





- Cyan (3%)
- Magenta (90%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.8984, 24.5466, 55.5868 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 48.8984, 24.5466, 55.5868 by changing the saturation by 10% instead.


 48.8984, 24.5466,
55.5868


 48.8984, 24.5466,
55.5868


372.8658,
275.5724, 425.4769

 34.7531, 15.7396,
39.4700


 87.7422, 50.9207,
99.8799


 23.6384, 9.3401,
26.8149


 113.1713, 69.2566,
128.8933

 15.1889, 4.9637,
17.2030


 143.0925, 91.5376,
163.0426

 9.0392, 2.2260,
10.2159

 177.8710,
118.1480, 202.7464

 4.8241, 0.7341,
5.4348

 217.8723,
149.4723, 248.4232

 2.1781, 0.0000,
2.4414

263.4616,

 0.7312, 0.0000,

185.8949, 300.4915

0.8089

315.0043,
227.8001, 359.3699

■ 0.0000, 0.0000,
0.0000

■ 48.8984, 24.5466,
55.5868

■ 48.8984, 24.5466,
55.5868

■ 47.9368, 23.6114,
52.2190

■ 50.3205, 26.3656,
59.2201

■ 47.9252, 23.6012,
52.1756

■ 52.3322, 29.3277,
63.1628

■ 55.0152, 33.5953,
67.4431

■ 58.4371, 39.3034,
72.0848

■ 62.6572, 46.5703,
77.1088

67.7287, 55.5019,
82.5338

73.7000, 66.1949,
88.3771

80.6161, 78.7384,
94.6547

88.5185, 93.2158,
101.3815

Harmonies

Analogous

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



39.0166, 24.5466, 107.2509



48.8984, 24.5466, 55.5868



50.9689, 24.5466, 18.8256

Triad

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



48.8984, 24.5466, 55.5868



20.3782, 24.5466, 0.3136



10.4190, 24.5466, 84.4538

Complementary

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



48.8984, 24.5466, 55.5868



34.8994, 67.2236, 17.6193

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.



8.0867, 24.5466, 36.5779



48.8984, 24.5466, 55.5868



12.5386, 24.5466, 1.8543

Square

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



48.8984, 24.5466, 55.5868



31.9583, 24.5466, 0.7035



8.7176, 24.5466, 10.1238



16.4152, 24.5466, 131.1594

Rectangle

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



48.8984, 24.5466, 55.5868



47.1750, 24.5466, 7.0713



8.7176, 24.5466, 10.1238



9.2818, 24.5466, 66.9388

Sweetspot

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



48.8992, 24.5479, 55.5872



74.5292, 62.7205, 90.4617



19.8936, 8.8330, 88.6526



15.5104, 12.6382, 18.9156



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.



48.8992, 24.5479, 55.5872



51.5151, 25.3700, 56.0379



40.4643, 21.1739, 11.1692



17.0479, 16.7020, 19.9987



25.4015, 12.5040, 27.8862



2.2703, 1.1141, 2.6496

Inverse Universe

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



48.8992, 24.5479, 55.5872



51.5151, 25.3700, 56.0379



42.3255, 70.1941, 56.7247



17.0479, 16.7020, 19.9987



25.4015, 12.5040, 27.8862



2.2703, 1.1141, 2.6496

Previews

White Background



This preview shows how the XYZ color 48.8984, 24.5466, 55.5868 looks on a white background.

Color Contrast Check

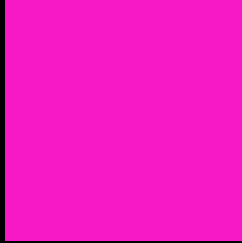
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.8984, 24.5466, 55.5868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

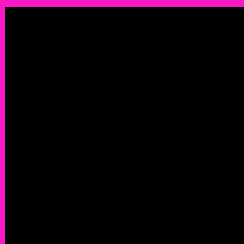
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 48.8984, 24.5466, 55.5868

Background



This preview shows how black text looks on a background with the XYZ color 48.8984, 24.5466, 55.5868.



This preview shows how white text looks on a background with the XYZ color 48.8984, 24.5466,

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

48.8984, 24.5466, 55.5868

Protanopia

29.0361, 25.3347, 97.9675

Deuteranopia

25.5529, 25.0107, 49.9351



Tritanopia

39.7682, 24.5703, 11.2409

Trichromacy



Original Color

48.8984, 24.5466, 55.5868



Protanomaly

28.8457, 19.0968, 80.0076



Deuteranomaly

29.3228, 20.1176, 51.0528



Tritanomaly

41.6574, 23.4388, 22.0672

Monochromacy



Original Color

48.8984, 24.5466, 55.5868



Achromatopsia

15.1092, 15.8961, 17.3108



Achromatomaly

22.3238, 15.1941, 27.7428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8984, 24.5466, 55.5868 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, 25, 198)` looks like.

```
.text, #text, p{  
    color:rgb(247, 25, 198)  
}
```

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, 25, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 25, 198) }
```

Border

The CSS property to change the border of an element to XYZ 48.8984, 24.5466, 55.5868 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, 25, 198) }
```


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

```
.border{ border-color:rgb(247, 25, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 25, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 25, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 25, 198);  
box-shadow:4px 4px 4px 4px rgb(247, 25,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8984, 24.5466, 55.5868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 25, 198) }
```

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

```
.background{ background-color: rgb(247, 25,  
198) }
```

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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