

Converting Colors

XYZ(48.6293, 24.4169, 51.9617)

Have a look what the booklet for
XYZ(48.6293, 24.4169, 51.9617)
contains.

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Color

**XYZ(48.5322, 24.3750,
52.0161)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F817C0 |
| RGB | 248, 23, 192 |
| RGB Percent | 97%, 9%, 75% |
| CMY | 0.0274, 0.9097, 0.2471 |
| CMYK | 0.00, 0.91, 0.23, 0.03 |
| HSL | 315°, 94%, 53% |
| HSV | 315°, 91%, 97% |
| XYZ | 48.5322, 24.3750, 52.0161 |
| YIQ | 109.5410, 79.8510, 100.2590 |

Conversions

Conversions Part 2

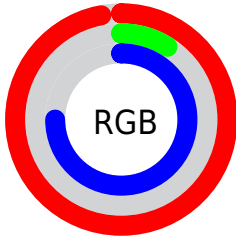
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 248, 23, 192 |
| Decimal | 16259008 |
| CIE Lab | 56.46, 87.31, -31.41 |
| CIE LCh | 56, 92.785, 340.211 |
| Yxy | 24.3750, 0.3885, 0.1951 |
| Android (android.graphics.Color) | 4294449088 (0xFFF817C0) |
| YUV | 109.5410, 40.6523, 121.4285 |
| Hunter-Lab | 49.3710, 89.0678, -27.9067 |

Details

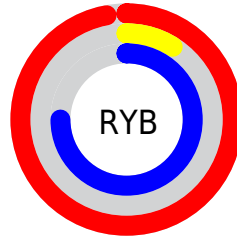
The XYZ color **48.5322, 24.3750, 52.0161** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **35.3339, 67.8825, 18.6431**, and the grayscale version is **14.5661, 15.3247, 16.6886**.

A 20% lighter version of the original color is **63.4929, 38.4076, 93.6895**, and **24.8371, 12.2741, 25.1048** is the 20% darker color. If you saturate the color by 10%, you get **47.6030, 23.5131, 48.6334**, and if you desaturate by 10%, it is **49.9746, 26.1418, 55.9431**.

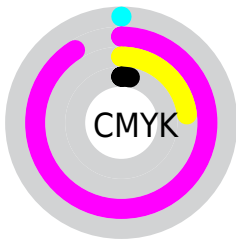
Distribution



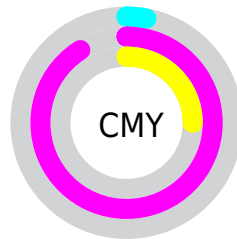
- Red (97%)
- Green (9%)
- Blue (75%)



- Red (97%)
- Yellow (9%)
- Blue (75%)



- Cyan (0%)
- Magenta (91%)
- Yellow (23%)
- Black (3%)





- Cyan (3%)
- Magenta (91%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5322, 24.3750, 52.0161 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 48.5322, 24.3750, 52.0161 by changing the saturation by 10% instead.


 48.5322, 24.3750,
52.0161


 48.5322, 24.3750,
52.0161


371.4454,
274.7109, 411.4575

 34.4615, 15.6120,
36.6356


 87.2012, 50.6415,
94.5818


 23.4130, 9.2500,
24.6319


 112.5302, 68.9137,
122.6041


 15.0211, 4.9046,
15.5865


 142.3427, 91.1246,
155.6773

 8.9206, 2.1914,
9.0809

 177.0041,
117.6584, 194.2201

 4.7461, 0.7153,
4.6964

 216.8797,
148.8995, 238.6510

 2.1323, 0.0000,
2.0147

262.3349,

 0.7067, 0.0000,

185.2324, 289.3885

0.5643

313.7350,
227.0414, 346.8511

■ 0.0000, 0.0000,
0.0000

■ 48.5322, 24.3750,
52.0161

■ 48.5322, 24.3750,
52.0161

■ 47.6030, 23.5131,
48.6334

■ 49.9746, 26.1418,
55.9431

■ 52.0106, 29.0494,
60.2110

■ 54.7238, 33.2646,
64.8496

■ 58.1839, 38.9259,
69.8836

■ 62.4512, 46.1537,
75.3349

67.5801, 55.0562,
81.2230

73.6201, 65.7316,
87.5661

80.6166, 78.2707,
94.3809

88.6123, 92.7580,
101.6829

Harmonies

Analogous

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



39.2175, 24.3750, 102.1521



48.5322, 24.3750, 52.0161



50.0079, 24.3750, 17.3775

Triad

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



48.5322, 24.3750, 52.0161



19.6970, 24.3750, 0.4217



10.7065, 24.3750, 85.9454

Complementary

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



48.5322, 24.3750, 52.0161



35.3339, 67.8825, 18.6431

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.



8.2094, 24.3750, 38.4629



48.5322, 24.3750, 52.0161



12.2309, 24.3750, 2.1522

Square

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



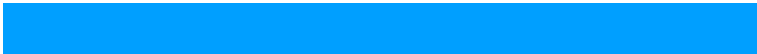
48.5322, 24.3750, 52.0161



30.8848, 24.3750, 0.7021



8.6644, 24.3750, 11.1322



16.8568, 24.3750, 130.1194

Rectangle

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



48.5322, 24.3750, 52.0161



45.9834, 24.3750, 6.5201



8.6644, 24.3750, 11.1322



9.5134, 24.3750, 68.7985

Sweetspot

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



48.5330, 24.3763, 52.0165



74.2428, 62.6060, 88.9536



20.1930, 8.9083, 89.4625



15.4422, 12.6109, 18.5561



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.



48.5330, 24.3763, 52.0165



50.7019, 25.0448, 51.7556



40.5807, 21.1954, 10.1403



17.7976, 17.4464, 20.7898



25.7740, 12.7253, 26.5823



2.4293, 1.1954, 2.6840

Inverse Universe

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



48.5330, 24.3763, 52.0165



50.7019, 25.0448, 51.7556



42.9995, 70.9488, 59.0097



17.7976, 17.4464, 20.7898



25.7740, 12.7253, 26.5823



2.4293, 1.1954, 2.6840

Previews

White Background



This preview shows how the XYZ color 48.5322, 24.3750, 52.0161 looks on a white background.

Color Contrast Check

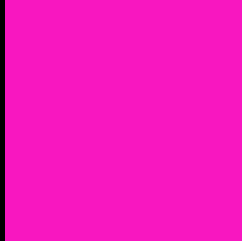
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.5322, 24.3750, 52.0161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

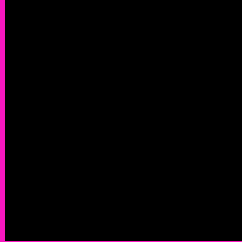
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 48.5322, 24.3750, 52.0161

Background



This preview shows how black text looks on a background with the XYZ color 48.5322, 24.3750, 52.0161.



This preview shows how white text looks on a background with the XYZ color 48.5322, 24.3750,

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

48.5322, 24.3750, 52.0161

Protanopia

28.8271, 25.0246, 97.9186

Deuteranopia

25.2208, 24.7055, 46.6194



Tritanopia

39.8440, 24.4087, 10.5940

Trichromacy



Original Color

48.5322, 24.3750, 52.0161



Protanomaly

28.3843, 18.6314, 78.4441



Deuteranomaly

29.2320, 20.0121, 47.6694



Tritanomaly

41.6439, 23.3085, 20.7165

Monochromacy



Original Color

48.5322, 24.3750, 52.0161



Achromatopsia

14.8208, 15.5926, 16.9804



Achromatomaly

21.9552, 14.8158, 26.5135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5322, 24.3750, 52.0161 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(248, 23, 192)` looks like.

```
.text, #text, p{  
    color:rgb(248, 23, 192)  
}
```

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(248, 23, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 23, 192) }
```

Border

The CSS property to change the border of an element to XYZ 48.5322, 24.3750, 52.0161 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(248, 23, 192) }
```


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

```
.border{ border-color:rgb(248, 23, 192) }
```

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

Here you see how a box with a 4 pixel rgb(248, 23, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 23, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 23, 192);  
box-shadow:4px 4px 4px 4px rgb(248, 23,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5322, 24.3750, 52.0161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 23, 192) }
```

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

```
.background{ background-color: rgb(248, 23,  
192) }
```

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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