

Converting Colors

XYZ(48.6335, 24.2001, 65.0586)

Have a look what the booklet for
XYZ(48.6335, 24.2001, 65.0586)
contains.

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Color

**XYZ(48.6335, 24.2001,
65.0586)**

Conversions

Conversions Part 1

Format	Color
Hex	F119D5
RGB	241, 25, 213
RGB Percent	95%, 10%, 84%
CMY	0.0549, 0.9019, 0.1647
CMYK	0.00, 0.90, 0.12, 0.05
HSL	308°, 89%, 52%
HSV	308°, 90%, 95%
XYZ	48.6335, 24.2001, 65.0586
YIQ	111.0160, 68.3880, 104.2600

Conversions

Conversions Part 2

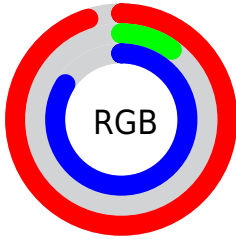
Format	Color
R _{YB}	241, 25, 213
Decimal	15800789
CIE _{Lab}	56.29, 88.33, -43.82
CIE _{LCh}	56, 98.603, 333.615
Yxy	24.2001, 0.3527, 0.1755
Android (android.graphics.Color)	4293990869 (0xFFFF119D5)
YUV	111.0160, 50.2781, 113.9960
Hunter-Lab	49.1936, 90.3789, -43.9756

Details

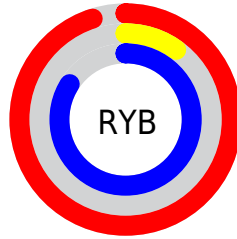
The XYZ color **48.6335, 24.2001, 65.0586** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **32.5002, 63.3754, 13.8907**, and the grayscale version is **14.9628, 15.7420, 17.1431**.

A 20% lighter version of the original color is **64.4440, 38.7881, 98.6980**, and **24.9939, 12.1719, 33.3798** is the 20% darker color. If you saturate the color by 10%, you get **47.9034, 23.3679, 62.8774**, and if you desaturate by 10%, it is **49.7903, 25.8722, 67.4200**.

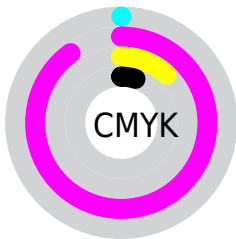
Distribution



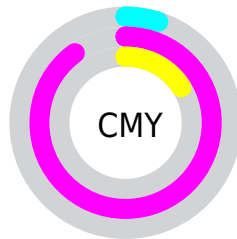
- Red (95%)
- Green (10%)
- Blue (84%)



- Red (95%)
- Yellow (10%)
- Blue (84%)



- Cyan (0%)
- Magenta (90%)
- Yellow (12%)
- Black (5%)





- Cyan (5%)
- Magenta (90%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.6335, 24.2001, 65.0586 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 48.6335, 24.2001, 65.0586 by changing the saturation by 10% instead.

 48.6335, 24.2001,
65.0586


 48.6335, 24.2001,
65.0586

371.8386,
273.8306, 461.3145


 34.5422, 15.4821,
47.0570


 87.3509, 50.3565,
113.7482


 23.4753, 9.1584,
32.7260


 112.7076, 68.5638,
145.2732


 15.0675, 4.8447,
21.6472

 142.5503, 90.7029,
182.1431

 8.9534, 2.1564,
13.4021

 177.2441,
117.1583, 224.7764

 4.7676, 0.6961,
7.5720

 217.1545,
148.3144, 273.5916

 2.1449, 0.0000,
3.7385

262.6468,

 0.7135, 0.0000,

184.5555, 329.0074

1.4830

314.0864,
226.2661, 391.4422

■ 0.0000, 0.0000,
0.2052

■ 0.0000, 0.0000,
0.0000

■ 48.6335, 24.2001,
65.0586

■ 48.6335, 24.2001,
65.0586

■ 47.9034, 23.3679,
62.8774

■ 49.7903, 25.8722,
67.4200

■ 47.8785, 23.3420,
62.7957

■ 51.4922, 28.6230,
70.0009

■ 53.8156, 32.6042,
72.8271

■ 56.8236, 37.9423,
75.9197

60.5718, 44.7481,
79.2977

65.1098, 53.1212,
82.9776

70.4831, 63.1523,
86.9749

76.7337, 74.9251,
91.3037

83.9006, 88.5179,
95.9772

Harmonies

Analogous

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



37.3324, 24.2001, 120.2803



48.6335, 24.2001, 65.0586



52.4026, 24.2001, 22.5998

Triad

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



48.6335, 24.2001, 65.0586



21.6518, 24.2001, 0.0000



9.1877, 24.2001, 78.3507

Complementary

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



48.6335, 24.2001, 65.0586



32.5002, 63.3754, 13.8907

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.



7.3663, 24.2001, 30.4933



48.6335, 24.2001, 65.0586



12.9065, 24.2001, 1.0462

Square

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



48.6335, 24.2001, 65.0586



34.1345, 24.2001, 0.6093



8.4609, 24.2001, 7.1836



14.5979, 24.2001, 131.4615

Rectangle

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



48.6335, 24.2001, 65.0586



49.3720, 24.2001, 8.3981



8.4609, 24.2001, 7.1836



8.2340, 24.2001, 60.1814

Sweetspot

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



48.6344, 24.2013, 65.0591



75.4764, 63.0994, 95.4496



17.5517, 7.7309, 83.7870



15.7369, 12.7288, 20.1083



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.



48.6344, 24.2013, 65.0591



54.4168, 26.5307, 71.3182



39.3210, 20.4760, 16.0154



16.3609, 15.9941, 19.4568



25.9989, 12.6720, 34.2403



2.1872, 1.0639, 2.9767

Inverse Universe

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



48.6344, 24.2013, 65.0591



54.4168, 26.5307, 71.3182



38.0467, 65.5940, 43.0980



16.3609, 15.9941, 19.4568



25.9989, 12.6720, 34.2403



2.1872, 1.0639, 2.9767

Previews

White Background



This preview shows how the XYZ color 48.6335, 24.2001, 65.0586 looks on a white background.

Color Contrast Check

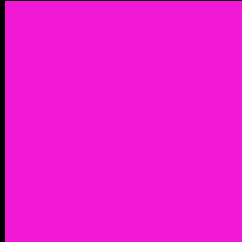
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.6335, 24.2001, 65.0586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

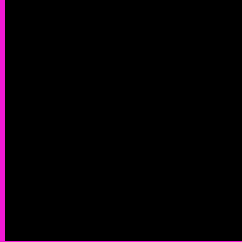
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 48.6335, 24.2001, 65.0586

Background



This preview shows how black text looks on a background with the XYZ color 48.6335, 24.2001, 65.0586.



This preview shows how white text looks on a background with the XYZ color 48.6335, 24.2001,

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

48.6335, 24.2001, 65.0586

Protanopia

28.6160, 24.9158, 97.9087

Deuteranopia

25.1527, 24.6239, 58.0708



Tritanopia

37.8492, 24.2339, 12.5803

Trichromacy



Original Color

48.6335, 24.2001, 65.0586



Protanomaly

28.8484, 18.8658, 84.5591



Deuteranomaly

28.8220, 19.6601, 60.0333



Tritanomaly

40.1383, 22.9085, 25.2279

Monochromacy



Original Color

48.6335, 24.2001, 65.0586



Achromatopsia

15.1092, 15.8961, 17.3108



Achromatomaly

22.3145, 15.1445, 29.7641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6335, 24.2001, 65.0586 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(241, 25, 213)` looks like.

```
.text, #text, p{  
    color:rgb(241, 25, 213)  
}
```

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(241, 25, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 25, 213) }
```

Border

The CSS property to change the border of an element to XYZ 48.6335, 24.2001, 65.0586 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(241, 25, 213) }
```


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

```
.border{ border-color:rgb(241, 25, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 25, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 25, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 25, 213);  
box-shadow:4px 4px 4px 4px rgb(241, 25,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6335, 24.2001, 65.0586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 25, 213) }
```

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

```
.background{ background-color: rgb(241, 25,  
213) }
```

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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