

Converting Colors

XYZ(50.4352, 32.4635, 51.0392)

Have a look what the booklet for
XYZ(50.4352, 32.4635, 51.0392)
contains.

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Color

**XYZ(50.4043, 32.4348,
51.1809)**

Conversions

Conversions Part 1

Format	Color
Hex	F169BC
RGB	241, 105, 188
RGB Percent	95%, 41%, 74%
CMY	0.0549, 0.5882, 0.2627
CMYK	0.00, 0.56, 0.22, 0.05
HSL	323°, 83%, 68%
HSV	323°, 56%, 95%
XYZ	50.4043, 32.4348, 51.1809
YIQ	155.1260, 54.4130, 54.6450

Conversions

Conversions Part 2

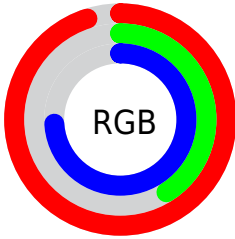
Format	Color
R_{YB}	241, 105, 188
Decimal	15821244
CIE _{Lab}	63.70, 61.18, -18.09
CIE _{LCh}	64, 63.794, 343.526
Yxy	32.4348, 0.3761, 0.2420
Android (android.graphics.Color)	4294011324 (0xFFFF169BC)
YUV	155.1260, 16.2069, 75.3115
Hunter-Lab	56.9516, 58.3141, -13.4163

Details

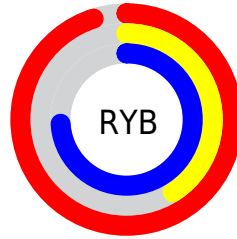
The XYZ color **50.4043, 32.4348, 51.1809** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **43.4542, 68.3834, 43.2601**, and the grayscale version is **31.1264, 32.7474, 35.6619**.

A 20% lighter version of the original color is **70.3140, 53.2814, 92.1663**, and **24.6416, 13.6483, 24.2573** is the 20% darker color. If you saturate the color by 10%, you get **47.3084, 27.8108, 45.3150**, and if you desaturate by 10%, it is **54.2634, 38.4790, 57.6269**.

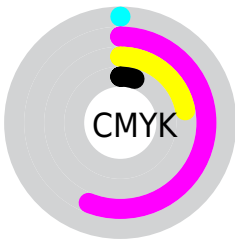
Distribution



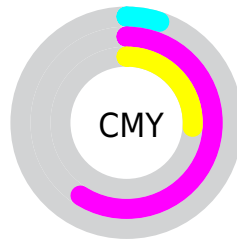
- Red (95%)
- Green (41%)
- Blue (74%)



- Red (95%)
- Yellow (41%)
- Blue (74%)



- Cyan (0%)
- Magenta (56%)
- Yellow (22%)
- Black (5%)





- Cyan (5%)
- Magenta (59%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4043, 32.4348, 51.1809 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 50.4043, 32.4348, 51.1809 by changing the saturation by 10% instead.

 50.4043, 32.4348,
51.1809


 50.4043, 32.4348,
51.1809

378.6708,
313.0952, 408.1328


 35.9539, 21.6938,
35.9749


 89.9619, 63.4921,
93.3364


 24.5685, 13.6321,
24.1252


 115.7997, 84.5772,
121.1229

 15.8829, 7.8652,
15.2135


 146.1640,
109.8792, 153.9399

 9.5316, 4.0088,
8.8211

 181.4202,
139.7823, 192.2061

 5.1494, 1.6785,
4.5294

221.9337,
174.6711, 236.3400

 2.3709, 0.4097,
1.9201

268.0697,

 0.8306, 0.0000,

214.9299, 286.7600

0.5055

320.1936,
260.9431, 343.8848

■ 0.0000, 0.0000,
0.0000

■ 50.4043, 32.4348,
51.1809

■ 50.4043, 32.4348,
51.1809

■ 47.3084, 27.8108,
45.3150

■ 54.2634, 38.4790,
57.6269

■ 44.9111, 24.4808,
40.0006

■ 58.9373, 46.0459,
64.6754

■ 43.1413, 22.3043,
35.2082

■ 64.4764, 55.2339,
72.3493

■ 41.9090, 21.1036,
30.9011

■ 70.9261, 66.1319,
80.6692

■ 41.5483, 20.8098,
29.4622

■ 78.3285, 78.8222,
89.6548

■ 86.7227, 93.3818,
99.3245

■ 89.8847, 97.3604,
107.6089

■ 90.0858, 97.4408,
108.6677

Harmonies

Analogous

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



44.2330, 32.4348, 84.3297



50.4043, 32.4348, 51.1809



50.7223, 32.4348, 25.0160

Triad

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



50.4043, 32.4348, 51.1809



26.9834, 32.4348, 5.8320



19.9773, 32.4348, 81.1734

Complementary

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



50.4043, 32.4348, 51.1809



43.4542, 68.3834, 43.2601

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.



16.9638, 32.4348, 48.1142



50.4043, 32.4348, 51.1809



20.4488, 32.4348, 10.3107

Square

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



50.4043, 32.4348, 51.1809



35.9595, 32.4348, 6.0314



17.1178, 32.4348, 23.1236



26.2100, 32.4348, 106.5963

Rectangle

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



50.4043, 32.4348, 51.1809



47.4760, 32.4348, 14.5202



17.1178, 32.4348, 23.1236



18.6132, 32.4348, 70.0429

Sweetspot

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



50.4053, 32.4364, 51.1815



80.1442, 74.3514, 91.0974



34.8612, 23.6376, 85.9446



16.8225, 15.3509, 19.0798



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.



50.4053, 32.4364, 51.1815



53.2421, 30.8404, 50.3974



44.7716, 30.1829, 21.5146



16.1781, 15.9210, 18.4941



22.5987, 11.3119, 16.3352



1.9286, 0.9605, 1.6151

Inverse Universe

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



50.4053, 32.4364, 51.1815



53.2421, 30.8404, 50.3974



50.8910, 71.3582, 82.4217



16.1781, 15.9210, 18.4941



22.5987, 11.3119, 16.3352



1.9286, 0.9605, 1.6151

Previews

White Background



This preview shows how the XYZ color 50.4043, 32.4348, 51.1809 looks on a white background.

Color Contrast Check

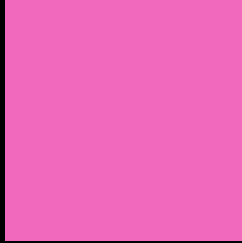
Large Text (above 18pt) WCAG AA × Fail

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 50.4043, 32.4348, 51.1809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

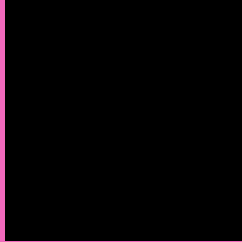
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4043, 32.4348, 51.1809

Background



This preview shows how black text looks on a background with the XYZ color 50.4043, 32.4348, 51.1809.



This preview shows how white text looks on a background with the XYZ color 50.4043, 32.4348,

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

50.4043, 32.4348, 51.1809

Protanopia

33.9288, 32.6359, 73.6184

Deuteranopia

33.3117, 32.6375, 48.2600



Tritanopia

44.6885, 32.3881, 23.9749

Trichromacy



Original Color

50.4043, 32.4348, 51.1809



Protanomaly

37.3101, 30.7517, 64.9420



Deuteranomaly

37.9159, 31.2023, 49.3717



Tritanomaly

46.3672, 32.2091, 32.2069

Monochromacy



Original Color

50.4043, 32.4348, 51.1809



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

36.1704, 31.1204, 40.6597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4043, 32.4348, 51.1809 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, 105, 188)` looks like.

```
.text, #text, p{  
    color:rgb(241, 105, 188)  
}
```

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, 105, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 105, 188) }
```

Border

The CSS property to change the border of an element to XYZ 50.4043, 32.4348, 51.1809 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, 105, 188) }
```


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

```
.border{ border-color:rgb(241, 105, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 105, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 105, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 105, 188);  
box-shadow:4px 4px 4px 4px rgb(241, 105,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4043, 32.4348, 51.1809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 105, 188) }
```

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

```
.background{ background-color: rgb(241,  
105, 188) }
```

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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