

Converting Colors

XYZ(92.8106, 49.8872, 50.5147)

Have a look what the booklet for
XYZ(92.8106, 49.8872, 50.5147)
contains.

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Color

**XYZ(52.0641, 28.8970,
48.7325)**

Conversions

Conversions Part 1

Format	Color
Hex	FF44B9
RGB	255, 68, 185
RGB Percent	100%, 27%, 73%
CMY	0.0000, 0.7333, 0.2745
CMYK	0.00, 0.73, 0.27, 0.00
HSL	322°, 100%, 63%
HSV	322°, 73%, 100%
XYZ	52.0641, 28.8970, 48.7325
YIQ	137.2510, 73.8950, 76.0310

Conversions

Conversions Part 2

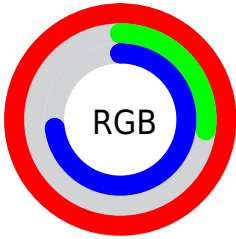
Format	Color
R _Y B	255, 68, 185
Decimal	16729273
CIE Lab	60.69, 78.54, -20.76
CIE LCh	61, 81.241, 345.195
Yxy	28.8970, 0.4014, 0.2228
Android (android.graphics.Color)	4294919353 (0xFFFF44B9)
YUV	137.2510, 23.5403, 103.2659
Hunter-Lab	53.7559, 78.8093, -16.1203

Details

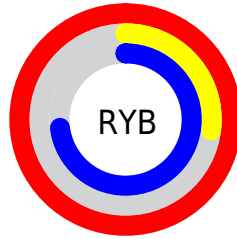
The XYZ color **52.0641, 28.8970, 48.7325** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **42.7329, 74.5847, 36.1930**, and the grayscale version is **23.7688, 25.0066, 27.2322**.

A 20% lighter version of the original color is **65.2335, 43.8435, 88.2435**, and **26.4130, 13.1353, 22.9730** is the 20% darker color. If you saturate the color by 10%, you get **49.8688, 26.0655, 43.1946**, and if you desaturate by 10%, it is **54.9985, 33.0984, 54.8512**.

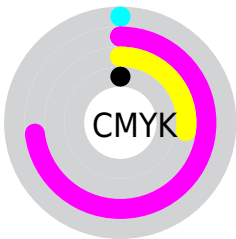
Distribution



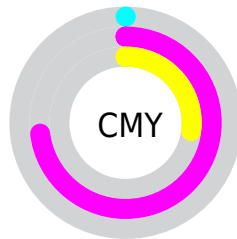
- Red (100%)
- Green (27%)
- Blue (73%)



- Red (100%)
- Yellow (27%)
- Blue (73%)



- Cyan (0%)
- Magenta (73%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (73%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0641, 28.8970, 48.7325 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 52.0641, 28.8970, 48.7325 by changing the saturation by 10% instead.

 52.0641, 28.8970,
48.7325


 52.0641, 28.8970,
48.7325

385.0039,
296.7287, 398.2804

 37.2806, 19.0029,
34.0432

 92.3994, 57.9134,
89.6709

 25.5995, 11.6724,
22.6492


 118.6820, 77.8045,
116.7571

 16.6554, 6.5210,
14.1318

 149.5284,
101.7967, 148.8127

 10.0829, 3.1644,
8.0726

 185.3038,
130.2745, 186.2562

 5.5166, 1.2182,
4.0530

 226.3738,
163.6222, 229.5062

 2.5913, 0.0765,
1.6545

273.1035,

 0.9415, 0.0000,

202.2242, 278.9812

0.3292

325.8584,
246.4649, 335.0998

■ 0.0000, 0.0000,
0.0000

■ 52.0641, 28.8970,
48.7325

■ 52.0641, 28.8970,
48.7325

■ 49.8688, 26.0655,
43.1946

■ 54.9985, 33.0984,
54.8512

■ 48.3152, 24.4111,
38.1977

■ 58.7484, 38.8205,
61.5816

■ 47.5450, 23.7820,
35.1317

■ 63.3824, 46.1984,
68.9530

■ 68.9610, 55.3514,
76.9917

■ 75.5394, 66.3876,
85.7217

83.1680, 79.4064,
95.1657

91.8941, 94.5001,
105.3449

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



44.4844, 28.8970, 92.5830



52.0641, 28.8970, 48.7325



52.0096, 28.8970, 18.5798

Triad

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



52.0641, 28.8970, 48.7325



22.4927, 28.8970, 2.1223



15.5241, 28.8970, 93.1563

Complementary

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



52.0641, 28.8970, 48.7325



42.7329, 74.5847, 36.1930

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.



12.1918, 28.8970, 49.2437



52.0641, 28.8970, 48.7325



15.4577, 28.8970, 5.7360

Square

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



52.0641, 28.8970, 48.7325



32.9722, 28.8970, 2.1054



12.1711, 28.8970, 18.8490



22.6092, 28.8970, 127.4354

Rectangle

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



52.0641, 28.8970, 48.7325



47.5604, 28.8970, 8.4775



12.1711, 28.8970, 18.8490



14.0182, 28.8970, 78.1241

Sweetspot

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



52.0648, 28.8984, 48.7330



76.4915, 68.0013, 86.9350



30.3646, 16.6381, 96.2188



15.9607, 13.8582, 18.0806



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.



52.0648, 28.8984, 48.7330



49.0698, 25.1593, 40.7957



45.2811, 26.1849, 13.0104



18.4874, 18.1783, 21.1838



24.9181, 12.4565, 18.7508



2.4792, 1.2340, 2.1048

Inverse Universe

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



52.0648, 28.8984, 48.7330



49.0698, 25.1593, 40.7957



52.4372, 78.4664, 87.2949



18.4874, 18.1783, 21.1838



24.9181, 12.4565, 18.7508



2.4792, 1.2340, 2.1048

Previews

White Background



This preview shows how the XYZ color 52.0641, 28.8970, 48.7325 looks on a white background.

Color Contrast Check

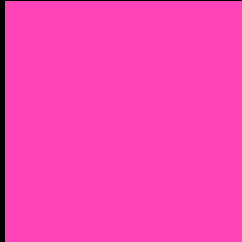
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.0641, 28.8970, 48.7325 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 52.0641, 28.8970, 48.7325

Background



This preview shows how black text looks on a background with the XYZ color 52.0641, 28.8970, 48.7325.



This preview shows how white text looks on a background with the XYZ color 52.0641, 28.8970,

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

52.0641, 28.8970, 48.7325

Protanopia

31.9138, 29.4232, 87.2163

Deuteranopia

29.5929, 28.9431, 44.5843



Tritanopia

44.8779, 28.6860, 14.9760

Trichromacy



Original Color

52.0641, 28.8970, 48.7325



Protanomaly

33.9945, 25.2883, 71.4960



Deuteranomaly

34.6318, 26.1846, 45.8767



Tritanomaly

46.9832, 28.4616, 24.1364

Monochromacy



Original Color

52.0641, 28.8970, 48.7325



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

30.4493, 23.6247, 33.5270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0641, 28.8970, 48.7325 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(255, 68, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 68, 185)  
}
```

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(255, 68, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 68, 185) }
```

Border

The CSS property to change the border of an element to XYZ 52.0641, 28.8970, 48.7325 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(255, 68, 185) }
```


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

```
.border{ border-color:rgb(255, 68, 185) }
```

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

Here you see how a box with a 4 pixel rgb(255, 68, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 68, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 68, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 68,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0641, 28.8970, 48.7325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 68, 185) }
```

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

```
.background{ background-color: rgb(255, 68,  
185) }
```

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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