

Converting Colors

XYZ(52.1759, 29.2804, 48.2776)

Have a look what the booklet for
XYZ(52.1759, 29.2804, 48.2776)
contains.

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Color

**XYZ(52.1450, 29.2272,
48.2405)**

Conversions

Conversions Part 1

Format	Color
Hex	FF47B8
RGB	255, 71, 184
RGB Percent	100%, 28%, 72%
CMY	0.0000, 0.7215, 0.2784
CMYK	0.00, 0.72, 0.28, 0.00
HSL	323°, 100%, 64%
HSV	323°, 72%, 100%
XYZ	52.1450, 29.2272, 48.2405
YIQ	138.8980, 73.3910, 74.1510

Conversions

Conversions Part 2

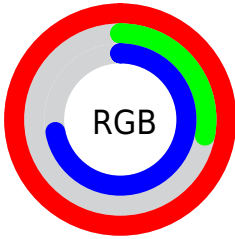
Format	Color
RYB	255, 71, 184
Decimal	16730040
CIELab	60.98, 77.50, -19.74
CIElCh	61, 79.976, 345.709
Yxy	29.2272, 0.4023, 0.2255
Android (android.graphics.Color)	4294920120 (0xFFFF47B8)
YUV	138.8980, 22.2353, 101.8215
Hunter-Lab	54.0622, 77.5611, -15.0618

Details

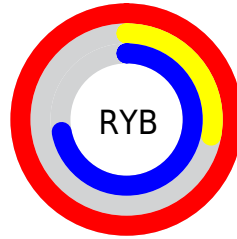
The XYZ color **52.1450, 29.2272, 48.2405** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **43.2427, 74.8134, 37.7569**, and the grayscale version is **24.4008, 25.6715, 27.9563**.

A 20% lighter version of the original color is **65.4933, 44.6015, 87.5951**, and **26.3449, 13.1080, 22.6143** is the 20% darker color. If you saturate the color by 10%, you get **49.8537, 26.2383, 42.5633**, and if you desaturate by 10%, it is **55.1894, 33.6073, 54.5233**.

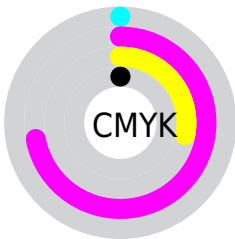
Distribution



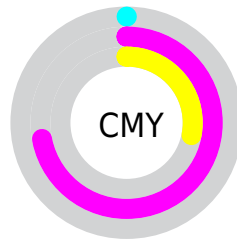
- Red (100%)
- Green (28%)
- Blue (72%)



- Red (100%)
- Yellow (28%)
- Blue (72%)



- Cyan (0%)
- Magenta (72%)
- Yellow (28%)
- Black (0%)




- Cyan (0%)
- Magenta (72%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1450, 29.2272, 48.2405 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 52.1450, 29.2272, 48.2405 by changing the saturation by 10% instead.


 52.1450, 29.2272,
48.2405

 52.1450, 29.2272,
48.2405


385.3109,
298.2854, 396.2808


 37.3454, 19.2528,
33.6560


 92.5180, 58.4379,
88.9317

 25.6499, 11.8531,
22.3543


 118.8221, 78.4429,
115.8754

 16.6932, 6.6437,
13.9166


 149.6918,
102.5602, 147.7760

 10.1100, 3.2403,
7.9246

 185.4924,
131.1743, 185.0520

 5.5348, 1.2584,
3.9597

226.5892,
164.6694, 228.1220

 2.6023, 0.1087,
1.6032

273.3477,

 0.9471, 0.0000,

203.4301, 277.4044

0.2931

326.1331,
247.8406, 333.3178

■ 0.0000, 0.0000,
0.0000

■ 52.1450, 29.2272,
48.2405

■ 52.1450, 29.2272,
48.2405

■ 49.8537, 26.2383,
42.5633

■ 55.1894, 33.6073,
54.5233

■ 48.2202, 24.4526,
37.4521

■ 59.0618, 39.5263,
61.4428

■ 47.2915, 23.6806,
33.7968

■ 63.8300, 47.1175,
69.0286

■ 69.5539, 56.4988,
77.3073

■ 76.2880, 67.7772,
86.3034

84.0828, 81.0512,
96.0400

92.9849, 96.4124,
106.5387

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.



44.7809, 29.2272, 91.2679



52.1450, 29.2272, 48.2405



51.9494, 29.2272, 18.6508

Triad

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



52.1450, 29.2272, 48.2405



22.6882, 29.2272, 2.3568



15.9814, 29.2272, 93.3154

Complementary

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



52.1450, 29.2272, 48.2405



43.2427, 74.8134, 37.7569

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.



12.5827, 29.2272, 50.0783



52.1450, 29.2272, 48.2405



15.7394, 29.2272, 6.1845

Square

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



52.1450, 29.2272, 48.2405



33.0387, 29.2272, 2.2924



12.5069, 29.2272, 19.6307



23.1104, 29.2272, 126.4569

Rectangle

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



52.1450, 29.2272, 48.2405



47.4901, 29.2272, 8.6713



12.5069, 29.2272, 19.6307



14.4532, 29.2272, 78.5932

Sweetspot

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



52.1458, 29.2287, 48.2410



76.3987, 67.9641, 86.4461



31.3806, 17.4382, 96.3197



15.9387, 13.8494, 17.9648



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.



52.1458, 29.2287, 48.2410



48.9861, 25.2353, 40.0174



45.4467, 26.5490, 12.9640



18.4782, 18.1746, 21.1354



24.7861, 12.4037, 18.0560



2.4668, 1.2291, 2.0397

Inverse Universe

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



52.1458, 29.2287, 48.2410



48.9861, 25.2353, 40.0174



53.1439, 78.7738, 89.8958



18.4782, 18.1746, 21.1354



24.7861, 12.4037, 18.0560



2.4668, 1.2291, 2.0397

Previews

White Background



This preview shows how the XYZ color 52.1450, 29.2272, 48.2405 looks on a white background.

Color Contrast Check

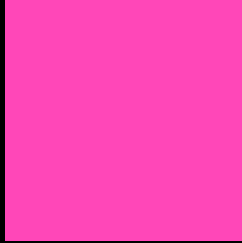
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.1450, 29.2272, 48.2405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

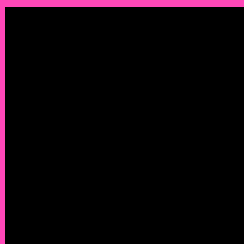
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 52.1450, 29.2272, 48.2405

Background



This preview shows how black text looks on a background with the XYZ color 52.1450, 29.2272, 48.2405.



This preview shows how white text looks on a background with the XYZ color 52.1450, 29.2272,

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

52.1450, 29.2272, 48.2405

Protanopia

31.9614, 29.4991, 84.8983

Deuteranopia

30.0077, 29.3921, 44.1361



Tritanopia

45.1526, 29.0805, 15.5452

Trichromacy



Original Color

52.1450, 29.2272, 48.2405



Protanomaly

34.1204, 25.5711, 69.4670



Deuteranomaly

35.1362, 26.6283, 45.4074



Tritanomaly

47.2082, 28.8035, 24.5442

Monochromacy



Original Color

52.1450, 29.2272, 48.2405



Achromatopsia

24.5403, 25.8183, 28.1161



Achromatomaly

30.9898, 24.2249, 34.0529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1450, 29.2272, 48.2405 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, 71, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 71, 184)  
}
```

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, 71, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 71, 184) }
```

Border

The CSS property to change the border of an element to XYZ 52.1450, 29.2272, 48.2405 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, 71, 184) }
```


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

```
.border{ border-color:rgb(255, 71, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 71, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 71, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 71, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 71,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1450, 29.2272, 48.2405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 71, 184) }
```

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

```
.background{ background-color: rgb(255, 71,  
184) }
```

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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