

Converting Colors

XYZ(50.3782, 29.8234, 51.2165)

Have a look what the booklet for
XYZ(50.3782, 29.8234, 51.2165)
contains.

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Color

**XYZ(50.5191, 29.9225,
51.2571)**

Conversions

Conversions Part 1

Format	Color
Hex	F656BD
RGB	246, 86, 189
RGB Percent	96%, 34%, 74%
CMY	0.0353, 0.6627, 0.2588
CMYK	0.00, 0.65, 0.23, 0.04
HSL	321°, 90%, 65%
HSV	321°, 65%, 96%
XYZ	50.5191, 29.9225, 51.2571
YIQ	145.5820, 62.2970, 65.9530

Conversions

Conversions Part 2

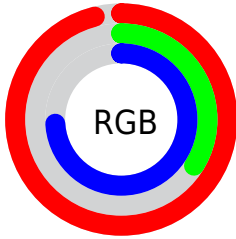
Format	Color
R _Y B	246, 86, 189
Decimal	16144061
CIE Lab	61.59, 70.59, -21.81
CIE LCh	62, 73.884, 342.830
Yxy	29.9225, 0.3836, 0.2272
Android (android.graphics.Color)	4294334141 (0xFFFF656BD)
YUV	145.5820, 21.4051, 88.0666
Hunter-Lab	54.7015, 69.1247, -17.2657

Details

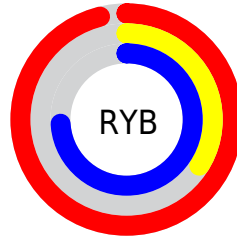
The XYZ color **50.5191, 29.9225, 51.2571** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **41.7530, 69.8741, 37.2764**, and the grayscale version is **27.0497, 28.4584, 30.9912**.

A 20% lighter version of the original color is **67.8468, 48.1034, 92.0952**, and **24.7262, 12.2818, 24.3600** is the 20% darker color. If you saturate the color by 10%, you get **47.9592, 26.2791, 45.8510**, and if you desaturate by 10%, it is **53.8139, 34.9430, 57.1923**.

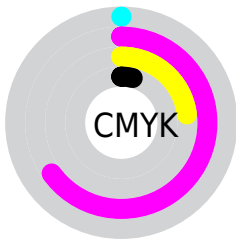
Distribution



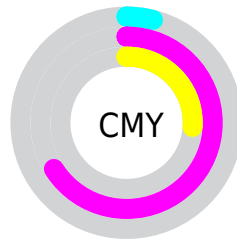
- Red (96%)
- Green (34%)
- Blue (74%)



- Red (96%)
- Yellow (34%)
- Blue (74%)



- Cyan (0%)
- Magenta (65%)
- Yellow (23%)
- Black (4%)





- Cyan (4%)
- Magenta (66%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5191, 29.9225, 51.2571 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 50.5191, 29.9225, 51.2571 by changing the saturation by 10% instead.


 50.5191, 29.9225,
51.2571


 50.5191, 29.9225,
51.2571

379.1110,
301.5430, 408.4369


 36.0455, 19.7798,
36.0351


 90.1308, 59.5396,
93.4501


 24.6396, 12.2351,
24.1714


 115.9995, 79.7828,
121.2582

 15.9361, 6.9040,
15.2474


 146.3974,
104.1615, 154.0987

 9.5695, 3.4021,
8.8447


 181.6898,
133.0602, 192.3902

 5.1745, 1.3451,
4.5446

222.2420,
166.8634, 236.5512

 2.3858, 0.1757,
1.9286

268.4193,

 0.8380, 0.0000,

205.9553, 287.0003

0.5108

320.5872,
250.7204, 344.1560

■ 0.0000, 0.0000,
0.0000

■ 50.5191, 29.9225,
51.2571

■ 50.5191, 29.9225,
51.2571

■ 47.9592, 26.2791,
45.8510

■ 53.8139, 34.9430,
57.1923

■ 46.0576, 23.8625,
40.9429

■ 57.9043, 41.4612,
63.6809


■ 44.7249, 22.4948,
36.4980


■ 62.8473, 49.5897,
70.7470


■ 44.2086, 22.0739,
34.4404

■ 68.6941, 59.4289,
78.4122

■ 75.4913, 71.0712,
86.6965

 83.2826, 84.6021,
95.6189

 91.0764, 98.0370,
104.8532

 91.8162, 98.3329,
108.7487

Harmonies

Analogous

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



43.2759, 29.9225, 90.3732



50.5191, 29.9225, 51.2571



51.0630, 29.9225, 22.0031

Triad

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



50.5191, 29.9225, 51.2571



24.4567, 29.9225, 3.2018



16.7353, 29.9225, 84.7849

Complementary

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



50.5191, 29.9225, 51.2571



41.7530, 69.8741, 37.2764

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.



13.7361, 29.9225, 46.0983



50.5191, 29.9225, 51.2571



17.4542, 29.9225, 6.8609

Square

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



50.5191, 29.9225, 51.2571



34.3759, 29.9225, 3.4325



13.9648, 29.9225, 19.1010



23.2308, 29.9225, 116.1646

Rectangle

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



50.5191, 29.9225, 51.2571



47.4020, 29.9225, 11.2021



13.9648, 29.9225, 19.1010



15.3597, 29.9225, 71.4863

Sweetspot

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



50.5200, 29.9240, 51.2577



78.0941, 70.5502, 89.4924



31.1194, 19.0621, 89.2283



16.2798, 14.3564, 18.6190



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.



50.5200, 29.9240, 51.2577



51.3253, 27.5645, 48.0389



44.1495, 27.3758, 17.7111



16.9484, 16.6622, 19.4746



23.6661, 11.8099, 18.7477



2.1289, 1.0575, 1.9050

Inverse Universe

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



50.5200, 29.9240, 51.2577



51.3253, 27.5645, 48.0389



49.9795, 73.1646, 80.5964



16.9484, 16.6622, 19.4746



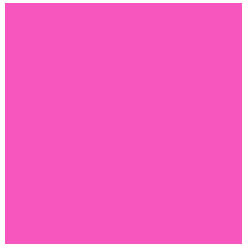
23.6661, 11.8099, 18.7477



2.1289, 1.0575, 1.9050

Previews

White Background



This preview shows how the XYZ color 50.5191, 29.9225, 51.2571 looks on a white background.

Color Contrast Check

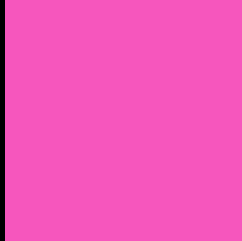
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.5191, 29.9225, 51.2571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

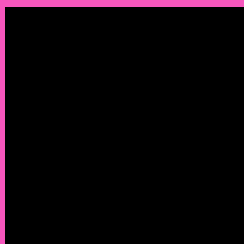
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 50.5191, 29.9225, 51.2571

Background



This preview shows how black text looks on a background with the XYZ color 50.5191, 29.9225, 51.2571.



This preview shows how white text looks on a background with the XYZ color 50.5191, 29.9225,

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

50.5191, 29.9225, 51.2571

Protanopia

32.4767, 30.2689, 82.7280

Deuteranopia

30.7298, 30.1490, 47.3797



Tritanopia

43.7313, 29.8510, 19.0797

Trichromacy



Original Color

50.5191, 29.9225, 51.2571



Protanomaly

34.9668, 27.2638, 69.7492



Deuteranomaly

35.5221, 28.0245, 48.3368



Tritanomaly

45.8875, 29.7240, 28.5181

Monochromacy



Original Color

50.5191, 29.9225, 51.2571



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

33.0206, 26.9690, 37.6476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5191, 29.9225, 51.2571 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(246, 86, 189)` looks like.

```
.text, #text, p{  
    color:rgb(246, 86, 189)  
}
```

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(246, 86, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 86, 189) }
```

Border

The CSS property to change the border of an element to XYZ 50.5191, 29.9225, 51.2571 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(246, 86, 189) }
```


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

```
.border{ border-color:rgb(246, 86, 189) }
```

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

Here you see how a box with a 4 pixel rgb(246, 86, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 86, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 86, 189);  
box-shadow:4px 4px 4px 4px rgb(246, 86,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5191, 29.9225, 51.2571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 86, 189) }
```

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

```
.background{ background-color: rgb(246, 86,  
189) }
```

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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