

Converting Colors

XYZ(50.1112, 30.5184, 41.6095)

Have a look what the booklet for
XYZ(50.1112, 30.5184, 41.6095)
contains.

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Color

**XYZ(50.1587, 30.5622,
41.7835)**

Conversions

Conversions Part 1

Format	Color
Hex	F95BAB
RGB	249, 91, 171
RGB Percent	98%, 36%, 67%
CMY	0.0235, 0.6431, 0.3294
CMYK	0.00, 0.63, 0.31, 0.02
HSL	330°, 93%, 67%
HSV	330°, 63%, 98%
XYZ	50.1587, 30.5622, 41.7835
YIQ	147.3620, 68.4880, 58.3760

Conversions

Conversions Part 2

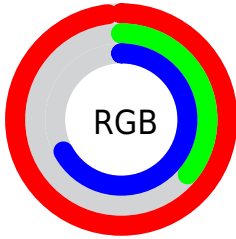
Format	Color
R _Y B	249, 91, 171
Decimal	16341931
CIE Lab	62.14, 67.26, -10.62
CIE LCh	62, 68.093, 351.027
Yxy	30.5622, 0.4094, 0.2495
Android (android.graphics.Color)	4294532011 (0xFFFF95BAB)
YUV	147.3620, 11.6535, 89.1365
Hunter-Lab	55.2831, 65.2088, -6.1138

Details

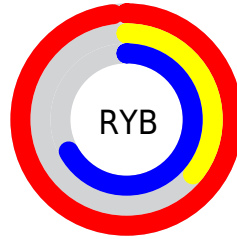
The XYZ color **50.1587, 30.5622, 41.7835** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **45.3533, 72.8410, 49.2098**, and the grayscale version is **27.8178, 29.2665, 31.8712**.

A 20% lighter version of the original color is **65.7149, 48.2459, 77.8003**, and **24.3370, 12.5596, 18.5943** is the 20% darker color. If you saturate the color by 10%, you get **47.2542, 26.5420, 35.3005**, and if you desaturate by 10%, it is **53.8798, 36.0407, 49.0769**.

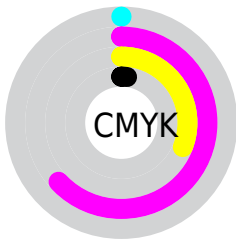
Distribution



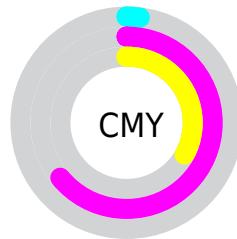
- Red (98%)
- Green (36%)
- Blue (67%)



- Red (98%)
- Yellow (36%)
- Blue (67%)



- Cyan (0%)
- Magenta (63%)
- Yellow (31%)
- Black (2%)





- Cyan (2%)
- Magenta (64%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1587, 30.5622, 41.7835 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 50.1587, 30.5622, 41.7835 by changing the saturation by 10% instead.


 50.1587, 30.5622,
41.7835

 50.1587, 30.5622,
41.7835


377.7280,
304.5163, 369.3578


 35.7578, 20.2657,
28.6075


 89.6004, 60.5501,
79.1384


 24.4165, 12.5883,
18.5411


 115.3719, 81.0104,
104.1544

 15.7692, 7.1457,
11.1657


 145.6644,
105.6273, 133.9541

 9.4508, 3.5534,
6.0628

 180.8431,
134.7853, 168.9561

 5.0958, 1.4270,
2.8139

221.2735,
168.8688, 209.5790

 2.3389, 0.2365,
1.0004

267.3208,

 0.8145, 0.0000,

208.2622, 256.2412

0.0000

319.3505,
253.3499, 309.3613

■ 0.0000, 0.0000,
0.0000

■ 50.1587, 30.5622,
41.7835

■ 50.1587, 30.5622,
41.7835

■ 47.2542, 26.5420,
35.3005

■ 53.8798, 36.0407,
49.0769

■ 45.0878, 23.8284,
29.5864

■ 58.4806, 43.1000,
57.2151

■ 43.5684, 22.2442,
24.5959

■ 64.0208, 51.8547,
66.2316

■ 42.8374, 21.6479,
21.6829

■ 70.5538, 62.4076,
76.1574

■ 78.1291, 74.8531,
87.0215

86.7923, 89.2790,
98.8514

92.8770, 98.8798,
108.7983

Harmonies

Analogous

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



45.0121, 30.5622, 76.1715



50.1587, 30.5622, 41.7835



48.7929, 30.5622, 18.2567

Triad

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



50.1587, 30.5622, 41.7835



23.1741, 30.5622, 4.9042



19.3164, 30.5622, 89.9413

Complementary

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



50.1587, 30.5622, 41.7835



45.3533, 72.8410, 49.2098

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.



15.5111, 30.5622, 54.8647



50.1587, 30.5622, 41.7835



17.3909, 30.5622, 10.5606

Square

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



50.1587, 30.5622, 41.7835



31.8839, 30.5622, 4.1781



14.8893, 30.5622, 26.0113



26.3863, 30.5622, 112.1444

Rectangle

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



50.1587, 30.5622, 41.7835



44.4705, 30.5622, 9.9287



14.8893, 30.5622, 26.0113



17.6810, 30.5622, 78.6045

Sweetspot

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



50.1596, 30.5638, 41.7840



77.8791, 71.4420, 85.3459



36.8557, 22.5793, 92.0384



16.1930, 14.5114, 17.5769



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.



50.1596, 30.5638, 41.7840



49.2054, 27.1333, 35.5912



44.8132, 28.4252, 13.6304



17.6113, 17.3719, 19.8089



23.0021, 11.6166, 11.9854



2.1839, 1.0973, 1.3920

Inverse Universe

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



50.1596, 30.5638, 41.7840



49.2054, 27.1333, 35.5912



54.8820, 76.6525, 99.3872



17.6113, 17.3719, 19.8089



23.0021, 11.6166, 11.9854



2.1839, 1.0973, 1.3920

Previews

White Background



This preview shows how the XYZ color 50.1587, 30.5622, 41.7835 looks on a white background.

Color Contrast Check

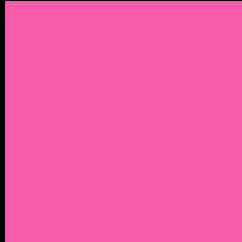
Large Text (above 18pt) WCAG AA × Fail

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 50.1587, 30.5622, 41.7835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

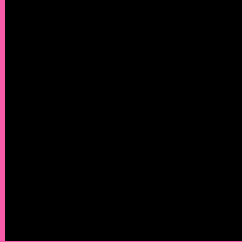
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.1587, 30.5622, 41.7835

Background



This preview shows how black text looks on a background with the XYZ color 50.1587, 30.5622, 41.7835.



This preview shows how white text looks on a background with the XYZ color 50.1587, 30.5622,

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

50.1587, 30.5622, 41.7835

Protanopia

31.7385, 30.7385, 65.2331

Deuteranopia

31.1878, 30.5730, 38.9077



Tritanopia

45.2844, 30.5061, 18.8307

Trichromacy



Original Color

50.1587, 30.5622, 41.7835



Protanomaly

35.2324, 28.2782, 55.8258



Deuteranomaly

36.0820, 28.8814, 39.7493



Tritanomaly

46.7968, 30.4006, 25.5917

Monochromacy



Original Color

50.1587, 30.5622, 41.7835



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

33.3573, 27.7694, 35.0544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1587, 30.5622, 41.7835 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(249, 91, 171)` looks like.

```
.text, #text, p{  
    color:rgb(249, 91, 171)  
}
```

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(249, 91, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 91, 171) }
```

Border

The CSS property to change the border of an element to XYZ 50.1587, 30.5622, 41.7835 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(249, 91, 171) }
```


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

```
.border{ border-color:rgb(249, 91, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 91, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 91, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 91, 171);  
box-shadow:4px 4px 4px 4px rgb(249, 91,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1587, 30.5622, 41.7835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 91, 171) }
```

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

```
.background{ background-color: rgb(249, 91,  
171) }
```

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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