

Converting Colors

XYZ(50.1518, 28.7983, 36.6298)

Have a look what the booklet for
XYZ(50.1518, 28.7983, 36.6298)
contains.

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Color

**XYZ(50.1891, 28.8654,
36.6445)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4BA1
RGB	255, 75, 161
RGB Percent	100%, 29%, 63%
CMY	0.0000, 0.7058, 0.3686
CMYK	0.00, 0.71, 0.37, 0.00
HSL	331°, 100%, 65%
HSV	331°, 71%, 100%
XYZ	50.1891, 28.8654, 36.6445
YIQ	138.6240, 79.6740, 64.9060

Conversions

Conversions Part 2

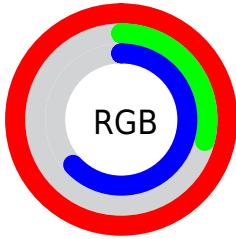
Format	Color
RYB	255, 75, 161
Decimal	16731041
CIELab	60.66, 73.69, -6.94
CIElCh	61, 74.019, 354.620
Yxy	28.8654, 0.4338, 0.2495
Android (android.graphics.Color)	4294921121 (0xFFFF4BA1)
YUV	138.6240, 11.0314, 102.0618
Hunter-Lab	53.7265, 72.7259, -2.8305

Details

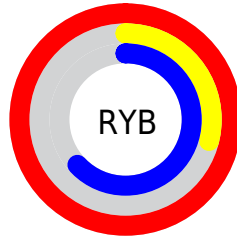
The XYZ color **50.1891, 28.8654, 36.6445** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **45.8250, 75.8813, 49.7730**, and the grayscale version is **24.3356, 25.6030, 27.8816**.

A 20% lighter version of the original color is **62.4388, 43.8262, 70.1342**, and **24.8068, 12.4632, 15.8500** is the 20% darker color. If you saturate the color by 10%, you get **47.6801, 25.6278, 30.3192**, and if you desaturate by 10%, it is **53.5174, 33.5412, 43.8605**.

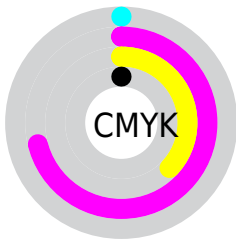
Distribution



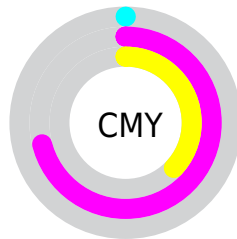
- Red (100%)
- Green (29%)
- Blue (63%)



- Red (100%)
- Yellow (29%)
- Blue (63%)



- Cyan (0%)
- Magenta (71%)
- Yellow (37%)
- Black (0%)





- Cyan (0%)
- Magenta (71%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.1891, 28.8654, 36.6445 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 50.1891, 28.8654, 36.6445 by changing the saturation by 10% instead.


 50.1891, 28.8654,
36.6445


 50.1891, 28.8654,
36.6445


377.8448,
296.5794, 346.8911


 35.7821, 18.9790,
24.6387


 89.6451, 57.8632,
71.2059


 24.4353, 11.6551,
15.5915


 115.4249, 77.7433,
94.5986

 15.7833, 6.5093,
9.0844


 145.7262,
101.7236, 122.6240

 9.4608, 3.1572,
4.6987

 180.9146,
130.1882, 155.7007

 5.1025, 1.2143,
2.0160

221.3552,
163.5218, 194.2473

 2.3429, 0.0734,
0.5651

267.4136,

 0.8165, 0.0000,

202.1085, 238.6821

0.0000

319.4550,
246.3329, 289.4239

■ 0.0000, 0.0000,
0.0000

■ 50.1891, 28.8654,
36.6445

■ 50.1891, 28.8654,
36.6445

■ 47.6801, 25.6278,
30.3192

■ 53.5174, 33.5412,
43.8605

■ 45.8955, 23.6452,
24.8332


■ 57.7402, 39.7998,
52.0100

■ 44.7420, 22.6608,
20.3714

■ 62.9262, 47.7731,
61.1338

■ 69.1366, 57.5778,
71.2692

■ 76.4272, 69.3202,
82.4511

 84.8497, 83.0985,
94.7125

94.4521, 99.0041,
108.0846

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.



45.3803, 28.8654, 72.9851



50.1891, 28.8654, 36.6445



47.8411, 28.8654, 14.1651

Triad

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



50.1891, 28.8654, 36.6445



20.4494, 28.8654, 3.7183



18.0855, 28.8654, 97.1283

Complementary

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



50.1891, 28.8654, 36.6445



45.8250, 75.8813, 49.7730

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.



13.8564, 28.8654, 58.9577



50.1891, 28.8654, 36.6445



14.9818, 28.8654, 9.6989

Square

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



50.1891, 28.8654, 36.6445



29.2008, 28.8654, 2.7226



12.8694, 28.8654, 26.7344



25.7432, 28.8654, 118.7543

Rectangle

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



50.1891, 28.8654, 36.6445



42.7621, 28.8654, 7.0171



12.8694, 28.8654, 26.7344



16.2939, 28.8654, 85.0188

Sweetspot

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



50.1899, 28.8670, 36.6450



76.1014, 68.7913, 81.9642



36.7165, 20.5792, 96.6447



15.8370, 13.9925, 16.8627



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.



50.1899, 28.8670, 36.6450



46.8087, 24.6093, 27.7961



45.2356, 27.2186, 9.5283



18.3708, 18.1316, 20.5697



23.4531, 11.8705, 11.0363



2.3383, 1.1777, 1.3631

Inverse Universe

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



50.1899, 28.8670, 36.6450



46.8087, 24.6093, 27.7961



55.7630, 78.3372, 106.7893



18.3708, 18.1316, 20.5697



23.4531, 11.8705, 11.0363



2.3383, 1.1777, 1.3631

Previews

White Background



This preview shows how the XYZ color 50.1891, 28.8654, 36.6445 looks on a white background.

Color Contrast Check

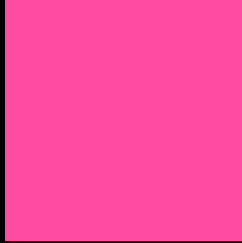
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.1891, 28.8654, 36.6445 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 50.1891, 28.8654, 36.6445

Background



This preview shows how black text looks on a background with the XYZ color 50.1891, 28.8654, 36.6445.



This preview shows how white text looks on a background with the XYZ color 50.1891, 28.8654,

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

50.1891, 28.8654, 36.6445

Protanopia

30.1403, 29.2678, 63.0922

Deuteranopia

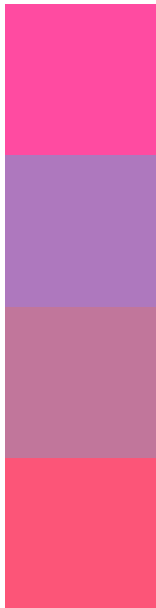
29.4410, 28.8821, 33.7289



Tritanopia

45.3231, 28.6692, 14.4542

Trichromacy



Original Color

50.1891, 28.8654, 36.6445

Protanomaly

33.4663, 26.1493, 51.9987

Deuteranomaly

34.3871, 26.6609, 34.3440

Tritanomaly

46.7835, 28.5485, 20.8139

Monochromacy



Original Color

50.1891, 28.8654, 36.6445

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

30.5679, 24.4211, 30.7064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1891, 28.8654, 36.6445 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, 75, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 75, 161)  
}
```

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, 75, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 75, 161) }
```

Border

The CSS property to change the border of an element to XYZ 50.1891, 28.8654, 36.6445 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, 75, 161) }
```


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

```
.border{ border-color:rgb(255, 75, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 75, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 75, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 75, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 75,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1891, 28.8654, 36.6445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 75, 161) }
```

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

```
.background{ background-color: rgb(255, 75,  
161) }
```

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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