

Converting Colors

XYZ(50.9686, 28.2951, 43.4684)

Have a look what the booklet for
XYZ(50.9686, 28.2951, 43.4684)
contains.

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Color

**XYZ(50.9261, 28.2516,
43.3264)**

Conversions

Conversions Part 1

Format	Color
Hex	FF42AF
RGB	255, 66, 175
RGB Percent	100%, 26%, 69%
CMY	0.0000, 0.7411, 0.3137
CMYK	0.00, 0.74, 0.31, 0.00
HSL	325°, 100%, 63%
HSV	325°, 74%, 100%
XYZ	50.9261, 28.2516, 43.3264
YIQ	134.9370, 77.6550, 73.9670

Conversions

Conversions Part 2

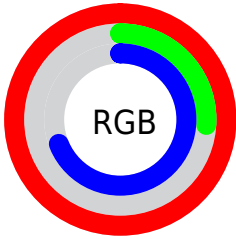
Format	Color
R_{YB}	255, 66, 175
Decimal	16728751
CIE _{Lab}	60.12, 78.02, -15.87
CIE _{LCh}	60, 79.619, 348.501
Yxy	28.2516, 0.4157, 0.2306
Android (android.graphics.Color)	4294918831 (0xFFFF42AF)
YUV	134.9370, 19.7511, 105.2953
Hunter-Lab	53.1522, 78.0076, -11.1230

Details

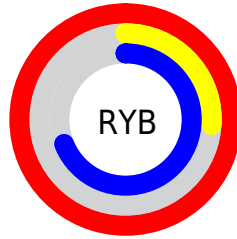
The XYZ color **50.9261, 28.2516, 43.3264** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **43.1969, 74.7544, 39.3515**, and the grayscale version is **22.9168, 24.1103, 26.2561**.

A 20% lighter version of the original color is **63.6464, 42.9948, 80.5456**, and **25.5052, 12.7426, 19.5276** is the 20% darker color. If you saturate the color by 10%, you get **48.7357, 25.5002, 37.5730**, and if you desaturate by 10%, it is **53.8662, 32.3666, 49.7483**.

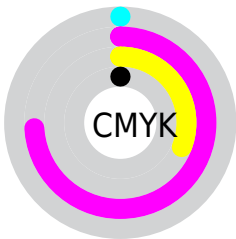
Distribution



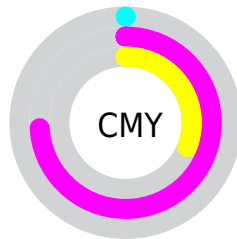
- Red (100%)
- Green (26%)
- Blue (69%)



- Red (100%)
- Yellow (26%)
- Blue (69%)



- Cyan (0%)
- Magenta (74%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (74%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9261, 28.2516, 43.3264 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 50.9261, 28.2516, 43.3264 by changing the saturation by 10% instead.


 50.9261, 28.2516,
43.3264


 50.9261, 28.2516,
43.3264

380.6690,
293.6672, 375.9130


 36.3706, 18.5154,
29.8080


 90.7292, 56.8859,
81.4948


 24.8920, 11.3207,
19.4421

 116.7074, 76.5528,
106.9819


 16.1249, 6.2829,
11.8101


 147.2240,
100.2987, 137.2956

 9.7040, 3.0179,
6.4935

 182.6443,
128.5080, 172.8546

 5.2639, 1.1411,
3.0738

 223.3335,
161.5651, 214.0772

 2.4393, 0.0128,
1.1325

269.6572,

 0.8647, 0.0000,

199.8544, 261.3821

0.0000

321.9805,
243.7603, 315.1879

■ 0.0000, 0.0000,
0.0000

■ 50.9261, 28.2516,
43.3264

■ 50.9261, 28.2516,
43.3264

■ 48.7357, 25.5002,
37.5730

■ 53.8662, 32.3666,
49.7483

■ 47.1948, 23.9155,
32.4443

■ 57.6338, 37.9979,
56.8735

■ 46.5109, 23.3684,
29.6863

■ 62.2989, 45.2827,
64.7344

■ 67.9231, 54.3412,
73.3606

■ 74.5624, 65.2826,
82.7792

82.2683, 78.2070,
93.0156

91.0886, 93.2077,
104.0941

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.



44.3167, 28.2516, 84.7706



50.9261, 28.2516, 43.3264



49.9851, 28.2516, 16.1956

Triad

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



50.9261, 28.2516, 43.3264



21.1142, 28.2516, 2.3558



15.8701, 28.2516, 94.6350

Complementary

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



50.9261, 28.2516, 43.3264



43.1969, 74.7544, 39.3515

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.



12.2525, 28.2516, 52.1675



50.9261, 28.2516, 43.3264



14.7104, 28.2516, 6.5783

Square

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



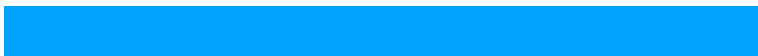
50.9261, 28.2516, 43.3264



30.9410, 28.2516, 2.0508



11.8898, 28.2516, 20.8956



23.1407, 28.2516, 124.7071

Rectangle

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



50.9261, 28.2516, 43.3264



45.2411, 28.2516, 7.4136



11.8898, 28.2516, 20.8956



14.2747, 28.2516, 80.4368

Sweetspot

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



50.9269, 28.2531, 43.3269



76.0999, 67.8446, 84.8728



31.6333, 17.1156, 96.2441



15.8680, 13.8211, 17.5925



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.



50.9269, 28.2531, 43.3269



47.9084, 24.5937, 34.9913



44.7029, 25.7635, 10.5519



18.4485, 18.1627, 20.9792



24.3792, 12.2410, 15.9133



2.4284, 1.2137, 1.8372

Inverse Universe

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



50.9269, 28.2531, 43.3269



47.9084, 24.5937, 34.9913



53.6247, 78.9255, 94.2638



18.4485, 18.1627, 20.9792



24.3792, 12.2410, 15.9133



2.4284, 1.2137, 1.8372

Previews

White Background



This preview shows how the XYZ color 50.9261, 28.2516, 43.3264 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 50.9261, 28.2516, 43.3264 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 50.9261, 28.2516, 43.3264

Background



This preview shows how black text looks on a background with the XYZ color 50.9261, 28.2516, 43.3264.



This preview shows how white text looks on a background with the XYZ color 50.9261, 28.2516,

43.3264.

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

50.9261, 28.2516, 43.3264

Protanopia

30.6259, 28.5139, 78.0183

Deuteranopia

28.8941, 28.2504, 39.5273



Tritanopia

44.7049, 28.1107, 13.8962

Trichromacy



Original Color

50.9261, 28.2516, 43.3264



Protanomaly

33.0430, 24.6374, 63.3355



Deuteranomaly

33.9178, 25.5906, 40.6879



Tritanomaly

46.3642, 27.8493, 22.0006

Monochromacy



Original Color

50.9261, 28.2516, 43.3264



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

29.6714, 22.9376, 31.7177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9261, 28.2516, 43.3264 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, 66, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 66, 175)  
}
```

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, 66, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 175) }
```

Border

The CSS property to change the border of an element to XYZ 50.9261, 28.2516, 43.3264 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, 66, 175) }
```


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

```
.border{ border-color:rgb(255, 66, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 66, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 66,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9261, 28.2516, 43.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 66, 175) }
```

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

```
.background{ background-color: rgb(255, 66,  
175) }
```

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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