

Converting Colors

XYZ(52.6153, 28.4972, 53.5477)

Have a look what the booklet for
XYZ(52.6153, 28.4972, 53.5477)
contains.

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Color

**XYZ(52.6463, 28.4925,
53.7638)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3DC2
RGB	255, 61, 194
RGB Percent	100%, 24%, 76%
CMY	0.0000, 0.7607, 0.2392
CMYK	0.00, 0.76, 0.24, 0.00
HSL	319°, 100%, 62%
HSV	319°, 76%, 100%
XYZ	52.6463, 28.4925, 53.7638
YIQ	134.1680, 72.9310, 82.4910

Conversions

Conversions Part 2

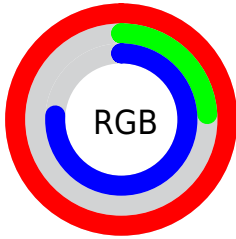
Format	Color
R _Y B	255, 61, 194
Decimal	16727490
CIE Lab	60.33, 81.61, -26.47
CIE LCh	60, 85.799, 342.028
Yxy	28.4925, 0.3903, 0.2112
Android (android.graphics.Color)	4294917570 (0xFFFF3DC2)
YUV	134.1680, 29.4972, 105.9697
Hunter-Lab	53.3784, 82.6398, -22.3533

Details

The XYZ color **52.6463, 28.4925, 53.7638** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **41.1989, 73.9180, 30.5126**, and the grayscale version is **22.6001, 23.7771, 25.8932**.

A 20% lighter version of the original color is **66.2420, 43.4038, 96.1532**, and **26.9818, 13.3628, 25.9681** is the 20% darker color. If you saturate the color by 10%, you get **50.7172, 26.0369, 48.7969**, and if you desaturate by 10%, it is **55.2718, 32.2629, 59.2031**.

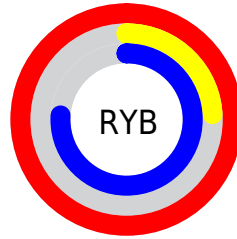
Distribution



Red (100%)

Green (24%)

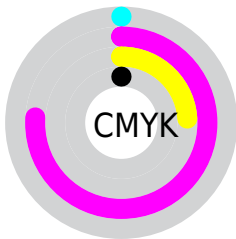
Blue (76%)



Red (100%)

Yellow (24%)

Blue (76%)

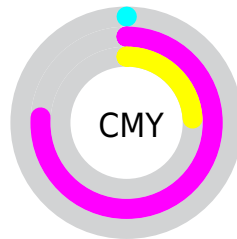


Cyan (0%)

Magenta (76%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (76%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6463, 28.4925, 53.7638 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 52.6463, 28.4925, 53.7638 by changing the saturation by 10% instead.


 52.6463, 28.4925,
53.7638

 52.6463, 28.4925,
53.7638

387.2097,
294.8128, 418.3578


 37.7468, 18.6972,
38.0210


 93.2523, 57.2698,
97.1803


 25.9626, 11.4517,
25.6970

 119.6895, 77.0206,
125.6910


 16.9282, 6.3715,
16.3734


 150.7034,
100.8587, 159.2947

 10.2783, 3.0723,
9.6315

 186.6593,
129.1686, 198.4100

 5.6475, 1.1696,
5.0530

 227.9225,
162.3345, 243.4554

 2.6706, 0.0367,
2.2191

274.8584,

 0.9821, 0.0000,

200.7409, 294.8495

0.6853

327.8324,
244.7722, 353.0108

■ 0.0000, 0.0000,
0.0000

■ 52.6463, 28.4925,
53.7638

■ 52.6463, 28.4925,
53.7638

■ 50.7172, 26.0369,
48.7969

■ 55.2718, 32.2629,
59.2031

■ 49.3809, 24.6902,
44.2633

■ 58.6731, 37.5062,
65.1443

■ 48.9597, 24.3479,
42.5814

■ 62.9210, 44.3624,
71.6146

■ 68.0772, 52.9540,
78.6382

■ 74.1976, 63.3918,
86.2372

81.3336, 75.7772,
94.4320

89.5326, 90.2040,
103.2417

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.



43.8860, 28.4925, 101.4453



52.6463, 28.4925, 53.7638



53.5369, 28.4925, 20.0191

Triad

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



52.6463, 28.4925, 53.7638



22.9018, 28.4925, 1.4762



14.1953, 28.4925, 91.9564

Complementary

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



52.6463, 28.4925, 53.7638



41.1989, 73.9180, 30.5126

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.



11.1956, 28.4925, 45.4636



52.6463, 28.4925, 53.7638



15.2293, 28.4925, 4.2555

Square

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



52.6463, 28.4925, 53.7638



34.1585, 28.4925, 1.7005



11.5141, 28.4925, 15.8152



21.0560, 28.4925, 131.9295

Rectangle

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



52.6463, 28.4925, 53.7638



49.3066, 28.4925, 8.6881



11.5141, 28.4925, 15.8152



12.7980, 28.4925, 75.6104

Sweetspot

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



52.6471, 28.4939, 53.7643



76.2804, 66.9865, 88.6914



27.3559, 14.4956, 95.9639



15.8053, 13.4375, 18.3674



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.



52.6471, 28.4939, 53.7643



49.9922, 25.2495, 46.5119



45.2005, 25.5153, 14.5511



18.5353, 18.1974, 21.4359



25.6531, 12.7505, 22.6213



2.5472, 1.2613, 2.4630

Inverse Universe

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



52.6471, 28.4939, 53.7643



49.9922, 25.2495, 46.5119



50.1061, 77.4809, 77.4176



18.5353, 18.1974, 21.4359



25.6531, 12.7505, 22.6213



2.5472, 1.2613, 2.4630

Previews

White Background



This preview shows how the XYZ color 52.6463, 28.4925, 53.7638 looks on a white background.

Color Contrast Check

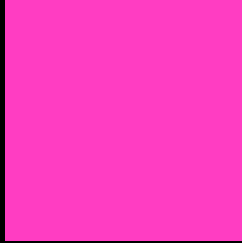
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.6463, 28.4925, 53.7638 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 52.6463, 28.4925, 53.7638

Background



This preview shows how black text looks on a background with the XYZ color 52.6463, 28.4925, 53.7638.



This preview shows how white text looks on a background with the XYZ color 52.6463, 28.4925,

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

52.6463, 28.4925, 53.7638

Protanopia

32.3391, 28.9457, 98.4904

Deuteranopia

29.1849, 28.6393, 48.7895



Tritanopia

44.3895, 28.3103, 14.6801

Trichromacy



Original Color

52.6463, 28.4925, 53.7638



Protanomaly

33.7500, 24.4658, 80.0343



Deuteranomaly

34.1662, 25.3432, 50.1047



Tritanomaly

46.6004, 27.9023, 25.1199

Monochromacy



Original Color

52.6463, 28.4925, 53.7638



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

29.6185, 22.3807, 34.2113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6463, 28.4925, 53.7638 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, 61, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 61, 194)  
}
```

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, 61, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 61, 194) }
```

Border

The CSS property to change the border of an element to XYZ 52.6463, 28.4925, 53.7638 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, 61, 194) }
```


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

```
.border{ border-color:rgb(255, 61, 194) }
```

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

Here you see how a box with a 4 pixel rgb(255, 61, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 61, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 61, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 61,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6463, 28.4925, 53.7638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 61, 194) }
```

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

```
.background{ background-color: rgb(255, 61,  
194) }
```

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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