

Converting Colors

XYZ(52.5831, 28.4877, 53.3673)

Have a look what the booklet for
XYZ(52.5831, 28.4877, 53.3673)
contains.

XYZ(52.5344, 28.4477, 53.1742)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.5344, 28.4477,
53.1742)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3DC1
RGB	255, 61, 193
RGB Percent	100%, 24%, 76%
CMY	0.0000, 0.7607, 0.2431
CMYK	0.00, 0.76, 0.24, 0.00
HSL	319°, 100%, 62%
HSV	319°, 76%, 100%
XYZ	52.5344, 28.4477, 53.1742
YIQ	134.0540, 73.2520, 82.1800

Conversions

Conversions Part 2

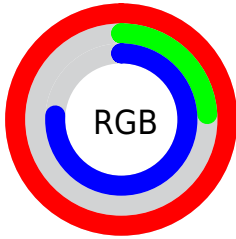
Format	Color
R _Y B	255, 61, 193
Decimal	16727489
CIE Lab	60.29, 81.49, -25.96
CIE LCh	60, 85.530, 342.329
Yxy	28.4477, 0.3916, 0.2120
Android (android.graphics.Color)	4294917569 (0xFFFF3DC1)
YUV	134.0540, 29.0604, 106.0696
Hunter-Lab	53.3364, 82.4773, -21.7742

Details

The XYZ color **52.5344, 28.4477, 53.1742** 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 **41.2611, 73.9428, 30.8405**, and the grayscale version is **22.5596, 23.7345, 25.8469**.

A 20% lighter version of the original color is **66.0847, 43.3409, 95.3251**, and **26.9083, 13.3334, 25.5815** is the 20% darker color. If you saturate the color by 10%, you get **50.5974, 25.9889, 48.1659**, and if you desaturate by 10%, it is **55.1692, 32.2218, 58.6629**.

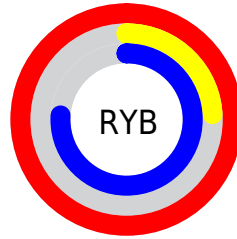
Distribution



Red (100%)

Green (24%)

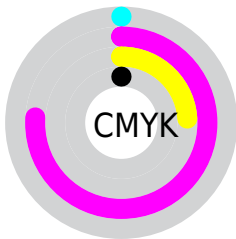
Blue (76%)



Red (100%)

Yellow (24%)

Blue (76%)

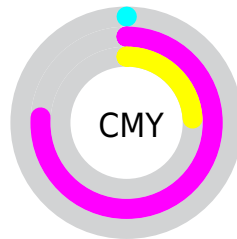


Cyan (0%)

Magenta (76%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (76%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5344, 28.4477, 53.1742 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 52.5344, 28.4477, 53.1742 by changing the saturation by 10% instead.


 52.5344, 28.4477,
53.1742

 52.5344, 28.4477,
53.1742

386.7864,
294.6001, 416.0383


 37.6572, 18.6634,
37.5532


 93.0885, 57.1984,
96.3048


 25.8927, 11.4273,
25.3369


 119.4960, 76.9337,
124.6514


 16.8757, 6.3550,
16.1070


 150.4778,
100.7547, 158.0771

 10.2406, 3.0621,
9.4447

 186.3990,
129.0458, 197.0002

 5.6223, 1.1643,
4.9316

 227.6252,
162.1916, 241.8393

 2.6553, 0.0322,
2.1492

274.5215,

 0.9742, 0.0000,

200.5762, 293.0130

0.6448

327.4535,
244.5843, 350.9398

■ 0.0000, 0.0000,
0.0000

■ 52.5344, 28.4477,
53.1742

■ 52.5344, 28.4477,
53.1742

■ 50.5974, 25.9889,
48.1659

■ 55.1692, 32.2218,
58.6629

■ 49.2547, 24.6397,
43.5986

■ 58.5814, 37.4694,
64.6615

■ 48.8314, 24.2966,
41.9057

■ 62.8417, 44.3305,
71.1977

■ 68.0120, 52.9278,
78.2957

■ 74.1483, 63.3719,
85.9778

81.3017, 75.7642,
94.2647

89.5199, 90.1987,
103.1755

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.



43.8793, 28.4477, 100.5586



52.5344, 28.4477, 53.1742



53.3308, 28.4477, 19.7812

Triad

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



52.5344, 28.4477, 53.1742



22.7793, 28.4477, 1.5032



14.2482, 28.4477, 92.0786

Complementary

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



52.5344, 28.4477, 53.1742



41.2611, 73.9428, 30.8405

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.



11.2211, 28.4477, 45.7509



52.5344, 28.4477, 53.1742



15.1747, 28.4477, 4.3374

Square

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



52.5344, 28.4477, 53.1742



33.9618, 28.4477, 1.7056



11.5066, 28.4477, 16.0155



21.1268, 28.4477, 131.5815

Rectangle

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



52.5344, 28.4477, 53.1742



49.0712, 28.4477, 8.5957



11.5066, 28.4477, 16.0155



12.8423, 28.4477, 75.8265

Sweetspot

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



52.5351, 28.4491, 53.1747



76.2364, 66.9689, 88.4596



27.8081, 14.7287, 95.9850



15.7945, 13.4333, 18.3109



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.



52.5351, 28.4491, 53.1747



49.8690, 25.2003, 45.8634



45.0474, 25.4540, 13.7449



18.5311, 18.1958, 21.4141



25.5865, 12.7239, 22.2707



2.5411, 1.2588, 2.4308

Inverse Universe

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



52.5351, 28.4491, 53.1747



49.8690, 25.2003, 45.8634



50.5288, 77.6499, 79.6437



18.5311, 18.1958, 21.4141



25.5865, 12.7239, 22.2707



2.5411, 1.2588, 2.4308

Previews

White Background



This preview shows how the XYZ color 52.5344, 28.4477, 53.1742 looks on a white background.

Color Contrast Check

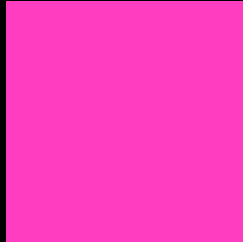
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.5344, 28.4477, 53.1742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

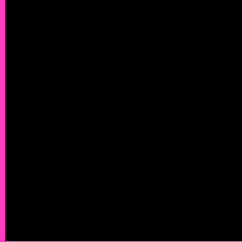
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 52.5344, 28.4477, 53.1742

Background



This preview shows how black text looks on a background with the XYZ color 52.5344, 28.4477, 53.1742.



This preview shows how white text looks on a background with the XYZ color 52.5344, 28.4477,

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

52.5344, 28.4477, 53.1742

Protanopia

32.3391, 28.9457, 98.4904

Deuteranopia

29.2505, 28.6850, 48.2511



Tritanopia

44.3895, 28.3103, 14.6801

Trichromacy



Original Color

52.5344, 28.4477, 53.1742



Protanomaly

33.6075, 24.4088, 79.2840



Deuteranomaly

34.0595, 25.3005, 49.5427



Tritanomaly

46.6004, 27.9023, 25.1199

Monochromacy



Original Color

52.5344, 28.4477, 53.1742



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

29.5342, 22.3469, 33.7671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5344, 28.4477, 53.1742 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 61, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 61, 193) }
```

Border

The CSS property to change the border of an element to XYZ 52.5344, 28.4477, 53.1742 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, 193) }
```


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

```
.border{ border-color:rgb(255, 61, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 61, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 61, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 61,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5344, 28.4477, 53.1742 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, 193) }
```

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

```
.background{ background-color: rgb(255, 61,  
193) }
```

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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