

Converting Colors

XYZ(53.3311, 27.6534, 60.8008)

Have a look what the booklet for
XYZ(53.3311, 27.6534, 60.8008)
contains.

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Color

**XYZ(53.3576, 27.6702,
60.9211)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2ECE
RGB	255, 46, 206
RGB Percent	100%, 18%, 81%
CMY	0.0000, 0.8195, 0.1922
CMYK	0.00, 0.82, 0.19, 0.00
HSL	314°, 100%, 59%
HSV	314°, 82%, 100%
XYZ	53.3576, 27.6702, 60.9211
YIQ	126.7310, 73.2040, 94.0680

Conversions

Conversions Part 2

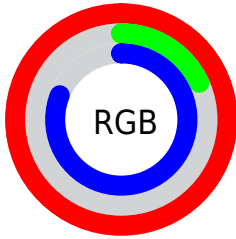
Format	Color
R _Y B	255, 46, 206
Decimal	16723662
CIE _{Lab}	59.59, 86.65, -34.48
CIE _{LCh}	60, 93.257, 338.303
Yxy	27.6702, 0.3759, 0.1949
Android (android.graphics.Color)	4294913742 (0xFFFF2ECE)
YUV	126.7310, 39.0796, 112.4919
Hunter-Lab	52.6025, 89.0081, -31.8445

Details

The XYZ color **53.3576, 27.6702, 60.9211** 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 **38.9537, 72.9277, 22.8535**, and the grayscale version is **19.9362, 20.9745, 22.8412**.

A 20% lighter version of the original color is **65.7684, 41.4369, 99.1395**, and **27.8340, 13.7037, 30.4562** is the 20% darker color. If you saturate the color by 10%, you get **51.9272, 25.9498, 56.9287**, and if you desaturate by 10%, it is **55.4072, 30.5848, 65.2568**.

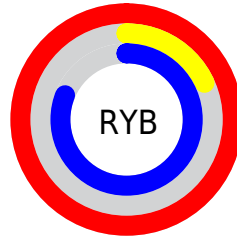
Distribution



Red (100%)

Green (18%)

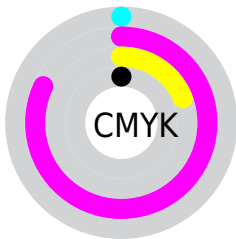
Blue (81%)



Red (100%)

Yellow (18%)

Blue (81%)

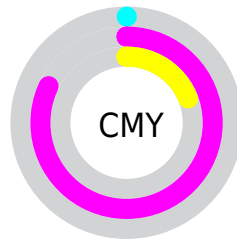


Cyan (0%)

Magenta (82%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (82%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3576, 27.6702, 60.9211 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 53.3576, 27.6702, 60.9211 by changing the saturation by 10% instead.


 53.3576, 27.6702,
60.9211


 53.3576, 27.6702,
60.9211


389.8940,
290.8876, 445.8832


 38.3169, 18.0772,
43.7314


 94.2928, 55.9575,
107.7211


 26.4071, 11.0054,
30.1237


 120.9180, 75.4205,
138.1684


 17.2627, 6.0705,
19.6797


 152.1355, 98.9424,
173.8721

 10.5184, 2.8880,
11.9806

 188.3106,
126.9075, 215.2505

 5.8089, 1.0735,
6.6081

 229.8087,
159.7001, 262.7223

 2.7688, 0.0000,
3.1435

276.9950,

 1.0327, 0.0000,

197.7048, 316.7060

1.1684

330.2350,
241.3058, 377.6201

■ 0.0000, 0.0000,
0.0000

■ 53.3576, 27.6702,
60.9211

■ 53.3576, 27.6702,
60.9211

■ 51.9272, 25.9498,
56.9287

■ 55.4072, 30.5848,
65.2568

■ 51.1142, 25.2097,
53.9270

■ 58.1656, 34.8721,
69.9662

■ 61.7090, 40.6845,
75.0767

■ 66.1035, 48.1532,
80.6114

■ 71.4077, 57.3953,
86.5915

■ 77.6751, 68.5173,
93.0361

■ 84.9549, 81.6171,
99.9631

■ 93.2929, 96.7859,
107.3889

■ 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.



42.9272, 27.6702, 114.7156



53.3576, 27.6702, 60.9211



55.5722, 27.6702, 21.7201

Triad

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



53.3576, 27.6702, 60.9211



23.1714, 27.6702, 0.7314



12.2605, 27.6702, 90.6237

Complementary

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



53.3576, 27.6702, 60.9211



38.9537, 72.9277, 22.8535

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.



9.6851, 27.6702, 40.4665



53.3576, 27.6702, 60.9211



14.6387, 27.6702, 2.5398

Square

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



53.3576, 27.6702, 60.9211



35.5630, 27.6702, 1.1340



10.4024, 27.6702, 11.9854



18.8032, 27.6702, 139.0303

Rectangle

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



53.3576, 27.6702, 60.9211



51.6143, 27.6702, 8.6903



10.4024, 27.6702, 11.9854



11.0064, 27.6702, 72.3738

Sweetspot

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



53.3582, 27.6715, 60.9216



75.6614, 64.9252, 91.0232



23.7240, 11.5963, 95.5957



15.7220, 13.0576, 18.9974



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.



53.3582, 27.6715, 60.9216



51.3056, 25.3748, 54.6615



44.6032, 24.1695, 14.8185



18.5998, 18.2232, 21.7756



26.7689, 13.1969, 28.4974



2.6484, 1.3017, 2.9956

Inverse Universe

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



53.3582, 27.6715, 60.9216



51.3056, 25.3748, 54.6615



47.2277, 76.2373, 66.4240



18.5998, 18.2232, 21.7756



26.7689, 13.1969, 28.4974



2.6484, 1.3017, 2.9956

Previews

White Background



This preview shows how the XYZ color 53.3576, 27.6702, 60.9211 looks on a white background.

Color Contrast Check

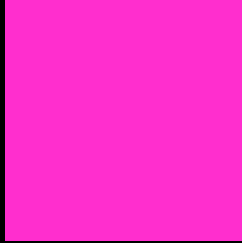
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.3576, 27.6702, 60.9211 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 53.3576, 27.6702, 60.9211

Background



This preview shows how black text looks on a background with the XYZ color 53.3576, 27.6702, 60.9211.



This preview shows how white text looks on a background with the XYZ color 53.3576, 27.6702,

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

53.3576, 27.6702, 60.9211

Protanopia

31.5479, 28.1000, 98.3688

Deuteranopia

28.4639, 27.9082, 54.9255



Tritanopia

43.3779, 27.5510, 13.8581

Trichromacy



Original Color

53.3576, 27.6702, 60.9211



Protanomaly

32.8345, 22.8121, 82.7934



Deuteranomaly

33.1299, 23.7066, 56.2558



Tritanomaly

45.8889, 26.7866, 25.6734

Monochromacy



Original Color

53.3576, 27.6702, 60.9211



Achromatopsia

20.1725, 21.2231, 23.1119



Achromatomaly

27.8240, 20.1343, 33.8723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3576, 27.6702, 60.9211 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, 46, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 46, 206)  
}
```

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, 46, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 46, 206) }
```

Border

The CSS property to change the border of an element to XYZ 53.3576, 27.6702, 60.9211 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, 46, 206) }
```


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

```
.border{ border-color:rgb(255, 46, 206) }
```

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

Here you see how a box with a 4 pixel rgb(255, 46, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 46, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 46, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 46,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3576, 27.6702, 60.9211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 46, 206) }
```

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

```
.background{ background-color: rgb(255, 46,  
206) }
```

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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