

Converting Colors

XYZ(52.1042, 27.2075, 55.7411)

Have a look what the booklet for
XYZ(52.1042, 27.2075, 55.7411)
contains.

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Color

**XYZ(52.0826, 27.1811,
55.9275)**

Conversions

Conversions Part 1

Format	Color
Hex	FE2FC6
RGB	254, 47, 198
RGB Percent	100%, 18%, 78%
CMY	0.0039, 0.8156, 0.2235
CMYK	0.00, 0.81, 0.22, 0.00
HSL	316°, 99%, 59%
HSV	316°, 81%, 100%
XYZ	52.0826, 27.1811, 55.9275
YIQ	126.1070, 74.9010, 90.8450

Conversions

Conversions Part 2

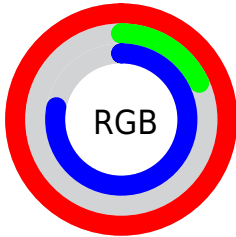
Format	Color
R_{YB}	254, 47, 198
Decimal	16658374
CIE _{Lab}	59.14, 85.27, -30.62
CIE _{LCh}	59, 90.599, 340.249
Yxy	27.1811, 0.3853, 0.2011
Android (android.graphics.Color)	4294848454 (0xFFFE2FC6)
YUV	126.1070, 35.4432, 112.1622
Hunter-Lab	52.1355, 87.0818, -27.1075

Details

The XYZ color **52.0826, 27.1811, 55.9275** 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 **39.0640, 72.4683, 24.7653**, and the grayscale version is **19.7359, 20.7637, 22.6117**.

A 20% lighter version of the original color is **65.7684, 41.4369, 99.1395**, and **26.7723, 13.2201, 27.5262** is the 20% darker color. If you saturate the color by 10%, you get **50.5710, 25.3974, 51.6011**, and if you desaturate by 10%, it is **54.2217, 30.1613, 60.6409**.

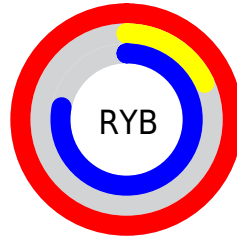
Distribution



Red (100%)

Green (18%)

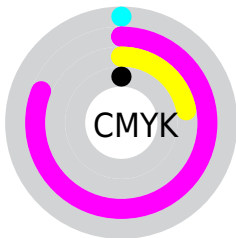
Blue (78%)



Red (100%)

Yellow (18%)

Blue (78%)

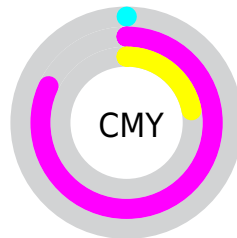


Cyan (0%)

Magenta (81%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (82%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0826, 27.1811, 55.9275 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 52.0826, 27.1811, 55.9275 by changing the saturation by 10% instead.


 52.0826, 27.1811,
55.9275


 52.0826, 27.1811,
55.9275

385.0741,
288.5329, 426.7989

 37.2955, 17.7093,
39.7412


 92.4266, 55.1743,
100.3833


 25.6111, 10.7415,
27.0246


 118.7141, 74.4645,
129.4899

 16.6640, 5.8933,
17.3591

 149.5658, 97.7963,
163.7403

 10.0891, 2.7803,
10.3262

 185.3470,
125.5541, 203.5531

 5.5208, 1.0181,
5.5073

 226.4230,
158.1223, 249.3468

 2.5938, 0.0000,
2.4840

273.1594,

 0.9428, 0.0000,

195.8852, 301.5400

0.8317

325.9213,
239.2273, 360.5511

■ 0.0000, 0.0000,
0.0000

■ 52.0826, 27.1811,
55.9275

■ 52.0826, 27.1811,
55.9275

■ 50.5710, 25.3974,
51.6011

■ 54.2217, 30.1613,
60.6409


■ 49.6598, 24.5855,
48.1822


■ 57.0752, 34.5126,
65.7719

■ 60.7189, 40.3850,
71.3483

■ 65.2175, 47.9077,
77.3939

■ 70.6293, 57.1963,
83.9302

 77.0071, 68.3557,
90.9770

 84.3996, 81.4827,
98.5525

 92.8523, 96.6675,
106.6740

94.6832, 99.8109,
108.8828

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



42.5265, 27.1811, 106.7801



52.0826, 27.1811, 55.9275



53.5802, 27.1811, 19.8660

Triad

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



52.0826, 27.1811, 55.9275



22.1663, 27.1811, 0.8959



12.5690, 27.1811, 90.5681

Complementary

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



52.0826, 27.1811, 55.9275



39.0640, 72.4683, 24.7653

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.



9.8344, 27.1811, 42.0741



52.0826, 27.1811, 55.9275



14.2064, 27.1811, 2.9997

Square

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



52.0826, 27.1811, 55.9275



33.8757, 27.1811, 1.1821



10.3308, 27.1811, 13.1811



19.1791, 27.1811, 134.9322

Rectangle

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



52.0826, 27.1811, 55.9275



49.4530, 27.1811, 8.0424



10.3308, 27.1811, 13.1811



11.2676, 27.1811, 73.1861

Sweetspot

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



52.0835, 27.1825, 55.9280



75.9850, 65.9537, 89.9554



24.4102, 12.0274, 94.8013



15.7678, 13.2478, 18.7090



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.



52.0835, 27.1825, 55.9280



50.3067, 24.9752, 49.4015



43.9702, 23.9372, 13.2040



18.5706, 18.2116, 21.6219



26.2461, 12.9877, 25.7442



2.6012, 1.2829, 2.7475

Inverse Universe

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



52.0835, 27.1825, 55.9280



50.3067, 24.9752, 49.4015



47.7197, 75.9305, 70.3453



18.5706, 18.2116, 21.6219



26.2461, 12.9877, 25.7442



2.6012, 1.2829, 2.7475

Previews

White Background



This preview shows how the XYZ color 52.0826, 27.1811, 55.9275 looks on a white background.

Color Contrast Check

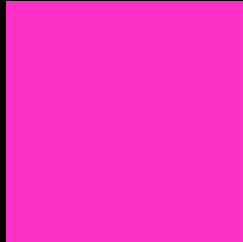
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.0826, 27.1811, 55.9275 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 52.0826, 27.1811, 55.9275

Background



This preview shows how black text looks on a background with the XYZ color 52.0826, 27.1811, 55.9275.



This preview shows how white text looks on a background with the XYZ color 52.0826, 27.1811,

55.9275.

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

52.0826, 27.1811, 55.9275

Protanopia

31.2131, 27.7115, 98.3115

Deuteranopia

27.9139, 27.2879, 50.2502



Tritanopia

42.9962, 27.0016, 13.0709

Trichromacy



Original Color

52.0826, 27.1811, 55.9275



Protanomaly

32.2181, 22.5445, 80.4953



Deuteranomaly

32.5798, 23.3729, 51.5095



Tritanomaly

45.1255, 26.2299, 24.1572

Monochromacy



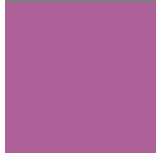
Original Color

52.0826, 27.1811, 55.9275



Achromatopsia

19.8309, 20.8637, 22.7206



Achromatomaly

27.1758, 19.7006, 32.0760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0826, 27.1811, 55.9275 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(254, 47, 198)` looks like.

```
.text, #text, p{  
    color:rgb(254, 47, 198)  
}
```

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(254, 47, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 47, 198) }
```

Border

The CSS property to change the border of an element to XYZ 52.0826, 27.1811, 55.9275 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(254, 47, 198) }
```


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

```
.border{ border-color:rgb(254, 47, 198) }
```

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

Here you see how a box with a 4 pixel rgb(254, 47, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 47, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 47, 198);  
box-shadow:4px 4px 4px 4px rgb(254, 47,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0826, 27.1811, 55.9275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 47, 198) }
```

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

```
.background{ background-color: rgb(254, 47,  
198) }
```

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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