

Converting Colors

XYZ(53.2288, 27.0894, 61.8774)

Have a look what the booklet for
XYZ(53.2288, 27.0894, 61.8774)
contains.

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Color

**XYZ(53.2867, 27.1372,
62.1040)**

Conversions

Conversions Part 1

Format	Color
Hex	FF25D0
RGB	255, 37, 208
RGB Percent	100%, 15%, 82%
CMY	0.0000, 0.8548, 0.1843
CMYK	0.00, 0.85, 0.18, 0.00
HSL	313°, 100%, 57%
HSV	313°, 85%, 100%
XYZ	53.2867, 27.1372, 62.1040
YIQ	121.6760, 75.0370, 99.3970

Conversions

Conversions Part 2

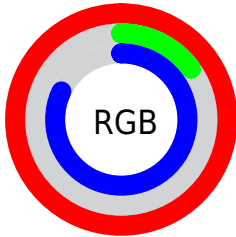
Format	Color
R _Y B	255, 37, 208
Decimal	16721360
CIE Lab	59.10, 88.57, -36.38
CIE LCh	59, 95.752, 337.671
Yxy	27.1372, 0.3739, 0.1904
Android (android.graphics.Color)	4294911440 (0xFFFF25D0)
YUV	121.6760, 42.5577, 116.9251
Hunter-Lab	52.0934, 91.4256, -34.2182

Details

The XYZ color **53.2867, 27.1372, 62.1040** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **38.1247, 72.5541, 20.3866**, and the grayscale version is **18.2455, 19.1957, 20.9041**.

A 20% lighter version of the original color is **65.1951, 40.2903, 98.9484**, and **27.7421, 13.6374, 31.3071** is the 20% darker color. If you saturate the color by 10%, you get **52.0860, 25.7996, 58.4240**, and if you desaturate by 10%, it is **55.0647, 29.5916, 66.0926**.

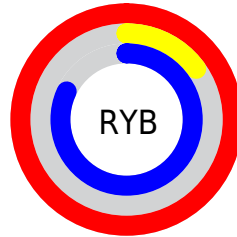
Distribution



Red (100%)

Green (15%)

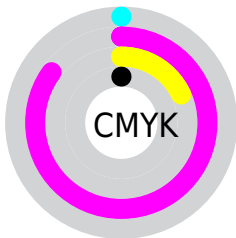
Blue (82%)



Red (100%)

Yellow (15%)

Blue (82%)

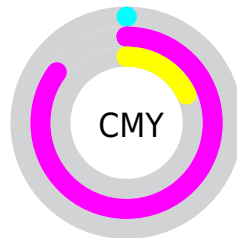


Cyan (0%)

Magenta (85%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (85%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2867, 27.1372, 62.1040 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 53.2867, 27.1372, 62.1040 by changing the saturation by 10% instead.


 53.2867, 27.1372,
62.1040


 53.2867, 27.1372,
62.1040

389.6270,
288.3208, 450.3285


 38.2601, 17.6763,
44.6804

 94.1892, 55.1040,
109.4489


 26.3627, 10.7178,
30.8647


 120.7957, 74.3786,
140.2072

 17.2293, 5.8774,
20.2382


 151.9930, 97.6932,
176.2476

 10.4944, 2.7707,
12.3825

 188.1462,
125.4323, 217.9885

 5.7928, 1.0132,
6.8791

 229.6209,
157.9802, 265.8485

 2.7589, 0.0000,
3.3093

276.7824,

 1.0276, 0.0000,

195.7214, 320.2462

1.2546

329.9960,
239.0401, 381.6000

■ 0.0000, 0.0000,
0.0242

■ 0.0000, 0.0000,
0.0000

■ 53.2867, 27.1372,
62.1040

■ 53.2867, 27.1372,
62.1040

■ 52.0860, 25.7996,
58.4240

■ 55.0647, 29.5916,
66.0926

■ 51.6675, 25.4310,
56.8403

■ 57.5172, 33.3571,
70.4227

■ 60.7251, 38.5954,
75.1225

■ 64.7575, 45.4439,
80.2163

69.6753, 54.0241,
85.7253

75.5335, 64.4460,
91.6691

82.3827, 76.8101,
98.0655

90.2698, 91.2100,
104.9312

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.



42.4618, 27.1372, 117.7287



53.2867, 27.1372, 62.1040



55.7761, 27.1372, 21.6330

Triad

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



53.2867, 27.1372, 62.1040



22.8568, 27.1372, 0.4896



11.5869, 27.1372, 90.4388

Complementary

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



53.2867, 27.1372, 62.1040



38.1247, 72.5541, 20.3866

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.



9.1094, 27.1372, 39.1901



53.2867, 27.1372, 62.1040



14.1815, 27.1372, 2.1069

Square

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



53.2867, 27.1372, 62.1040



35.5028, 27.1372, 0.9317



9.8856, 27.1372, 10.9852



18.0379, 27.1372, 141.1179

Rectangle

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



53.2867, 27.1372, 62.1040



51.8376, 27.1372, 8.3637



9.8856, 27.1372, 10.9852



10.3690, 27.1372, 71.6400

Sweetspot

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



53.2874, 27.1385, 62.1045



75.2062, 63.8595, 91.3504



22.0727, 10.2768, 95.4280



15.6432, 12.8572, 19.1030



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.



53.2874, 27.1385, 62.1045



51.6675, 25.4310, 56.8403



44.3211, 23.5520, 14.8884



18.6151, 18.2294, 21.8562



27.0549, 13.3113, 30.0033



2.6740, 1.3120, 3.1304

Inverse Universe

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



53.2874, 27.1385, 62.1045



51.6675, 25.4310, 56.8403



45.7749, 75.6142, 60.6722



18.6151, 18.2294, 21.8562



27.0549, 13.3113, 30.0033



2.6740, 1.3120, 3.1304

Previews

White Background



This preview shows how the XYZ color 53.2867, 27.1372, 62.1040 looks on a white background.

Color Contrast Check

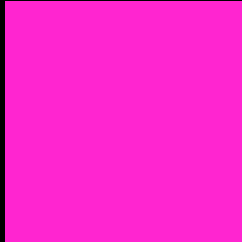
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.2867, 27.1372, 62.1040 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 53.2867, 27.1372, 62.1040

Background



This preview shows how black text looks on a background with the XYZ color 53.2867, 27.1372, 62.1040.



This preview shows how white text looks on a background with the XYZ color 53.2867, 27.1372,

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

53.2867, 27.1372, 62.1040

Protanopia

31.1204, 27.6637, 98.3071

Deuteranopia

28.0929, 27.4709, 56.0463



Tritanopia

42.9962, 27.0016, 13.0709

Trichromacy



Original Color

53.2867, 27.1372, 62.1040



Protanomaly

32.2166, 21.8788, 83.4140



Deuteranomaly

32.5092, 22.7549, 57.3223



Tritanomaly

45.4981, 26.1172, 25.1974

Monochromacy



Original Color

53.2867, 27.1372, 62.1040



Achromatopsia

18.4984, 19.4618, 21.1939



Achromatomaly

26.0684, 18.3281, 32.3007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2867, 27.1372, 62.1040 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, 37, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 37, 208)  
}
```

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, 37, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 37, 208) }
```

Border

The CSS property to change the border of an element to XYZ 53.2867, 27.1372, 62.1040 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, 37, 208) }
```


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

```
.border{ border-color:rgb(255, 37, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 37, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 37, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 37, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 37,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2867, 27.1372, 62.1040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 37, 208) }
```

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

```
.background{ background-color: rgb(255, 37,  
208) }
```

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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