

Converting Colors

XYZ(53.1704, 25.7159, 79.1708)

Have a look what the booklet for
XYZ(53.1704, 25.7159, 79.1708)
contains.

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Color

**XYZ(53.0658, 25.6573,
79.2463)**

Conversions

Conversions Part 1

Format	Color
Hex	F700E9
RGB	247, 0, 233
RGB Percent	97%, 0%, 91%
CMY	0.0314, 0.9998, 0.0863
CMYK	0.00, 1.00, 0.06, 0.03
HSL	303°, 100%, 48%
HSV	303°, 100%, 97%
XYZ	53.0658, 25.6573, 79.2463
YIQ	100.4150, 72.4190, 124.8270

Conversions

Conversions Part 2

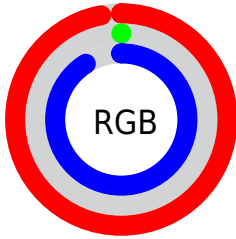
Format	Color
R_{YB}	247, 0, 233
Decimal	16187625
CIE _{Lab}	57.71, 94.00, -52.82
CIE _{LCh}	58, 107.819, 330.669
Yxy	25.6573, 0.3359, 0.1624
Android (android.graphics.Color)	4294377705 (0xFFFF700E9)
YUV	100.4150, 65.3644, 128.5550
Hunter-Lab	50.6530, 98.3597, -57.3016

Details

The XYZ color **53.0658, 25.6573, 79.2463** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **33.3413, 66.5546, 11.5060**, and the grayscale version is **12.0504, 12.6780, 13.8063**.

A 20% lighter version of the original color is **64.1402, 38.1805, 98.5967**, and **28.0862, 13.5737, 42.2140** is the 20% darker color. If you saturate the color by 10%, you get **53.0660, 25.6575, 79.2449**, and if you desaturate by 10%, it is **53.6094, 26.4222, 80.4186**.

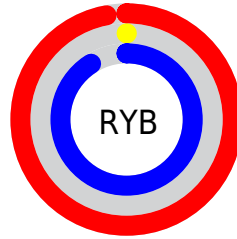
Distribution



Red (97%)

Green (0%)

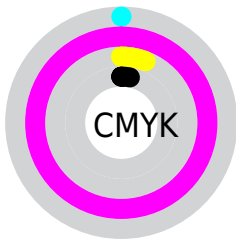
Blue (91%)



Red (97%)

Yellow (0%)

Blue (91%)

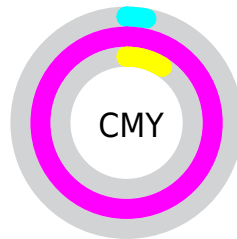


Cyan (0%)

Magenta (100%)

Yellow (6%)

Black (3%)



Cyan (3%)


Magenta (100%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0658, 25.6573, 79.2463 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 53.0658, 25.6573, 79.2463 by changing the saturation by 10% instead.

 53.0658, 25.6573,
79.2463

 53.0658, 25.6573,
79.2463

388.7942,
281.0957, 512.0288

 38.0830, 16.5674,
58.5758


 93.8661, 52.7216,
134.1074


 26.2246, 9.9266,
41.8540

 120.4144, 71.4648,
169.1350

 17.1253, 5.3503,
28.6623


 151.5485, 94.1945,
209.7855

 10.4197, 2.4542,
18.5821

 187.6338,
121.2953, 256.4773

 5.7425, 0.8536,
11.1950

 229.0357,
153.1514, 309.6290

 2.7283, 0.0000,
6.0823

276.1195,

 1.0118, 0.0000,

190.1472, 369.6591

2.8256

329.2505,
232.6672, 436.9862

■ 0.0000, 0.0000,
1.0063

■ 0.0000, 0.0000,
0.0000

■ 53.0658, 25.6573,
79.2463

■ 53.0658, 25.6573,
79.2463

■ 53.0660, 25.6575,
79.2449

■ 53.6094, 26.4222,
80.4186

■ 54.5866, 28.0527,
81.7432

■ 56.1321, 30.8171,
83.2650

■ 58.3263, 34.8765,
85.0110

61.2371, 40.3664,
87.0037

64.9235, 47.4051,
89.2629

69.4386, 56.0984,
91.8063

74.8306, 66.5431,
94.6499

81.1443, 78.8283,
97.8087

Harmonies

Analogous

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



39.3688, 25.6573, 144.5770



53.0658, 25.6573, 79.2463



58.5887, 25.6573, 27.1144

Triad

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



53.0658, 25.6573, 79.2463



24.0977, 25.6573, 0.0000



8.6587, 25.6573, 82.1631

Complementary

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



53.0658, 25.6573, 79.2463



33.3413, 66.5546, 11.5060

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.



7.0323, 25.6573, 28.7750



53.0658, 25.6573, 79.2463



13.7883, 25.6573, 0.4728

Square

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



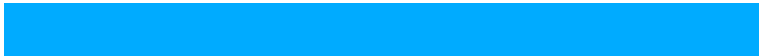
53.0658, 25.6573, 79.2463



38.6818, 25.6573, 0.3848



8.5142, 25.6573, 5.5762



14.1345, 25.6573, 147.0754

Rectangle

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



53.0658, 25.6573, 79.2463



55.7716, 25.6573, 9.6046



8.5142, 25.6573, 5.5762



7.7524, 25.6573, 61.2992

Sweetspot

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



53.0668, 25.6585, 79.2468



74.6196, 60.2439, 98.6838



16.9463, 6.7974, 88.4158



15.5094, 12.0030, 20.8672



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.



53.0668, 25.6585, 79.2468



57.0490, 27.5836, 85.1791



41.2375, 20.9268, 16.9547



17.1707, 16.7511, 20.6453



28.0828, 13.5765, 42.0057



2.4804, 1.1981, 3.7559

Inverse Universe

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



53.0668, 25.6585, 79.2468



57.0490, 27.5836, 85.1791



37.6964, 68.2966, 34.4396



17.1707, 16.7511, 20.6453



28.0828, 13.5765, 42.0057



2.4804, 1.1981, 3.7559

Previews

White Background



This preview shows how the XYZ color 53.0658, 25.6573, 79.2463 looks on a white background.

Color Contrast Check

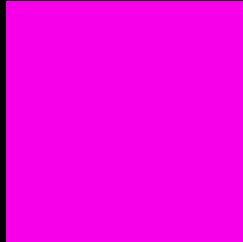
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.0658, 25.6573, 79.2463 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 53.0658, 25.6573, 79.2463

Background



This preview shows how black text looks on a background with the XYZ color 53.0658, 25.6573, 79.2463.



This preview shows how white text looks on a background with the XYZ color 53.0658, 25.6573,

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

53.0658, 25.6573, 79.2463

Protanopia

29.9960, 26.4480, 98.1318

Deuteranopia

27.0940, 26.4120, 70.6879



Tritanopia

39.5891, 25.8410, 14.2105

Trichromacy



Original Color

53.0658, 25.6573, 79.2463



Protanomaly

30.8442, 19.0208, 90.0414



Deuteranomaly

29.9758, 19.2020, 72.6475



Tritanomaly

42.0122, 23.3804, 29.4927

Monochromacy



Original Color

53.0658, 25.6573, 79.2463



Achromatopsia

12.1130, 12.7438, 13.8780



Achromatomaly

20.3156, 12.5772, 29.3739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0658, 25.6573, 79.2463 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(247, 0, 233)` looks like.

```
.text, #text, p{  
    color:rgb(247, 0, 233)  
}
```

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(247, 0, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 0, 233) }
```

Border

The CSS property to change the border of an element to XYZ 53.0658, 25.6573, 79.2463 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(247, 0, 233) }
```


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

```
.border{ border-color:rgb(247, 0, 233) }
```

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

Here you see how a box with a 4 pixel rgb(247, 0, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 0, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 0, 233);  
box-shadow:4px 4px 4px 4px rgb(247, 0,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0658, 25.6573, 79.2463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 0, 233) }
```

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

```
.background{ background-color: rgb(247, 0,  
233) }
```

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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