

Converting Colors

XYZ(53.5909, 25.7783, 86.0375)

Have a look what the booklet for
XYZ(53.5909, 25.7783, 86.0375)
contains.

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Color

**XYZ(53.6832, 25.8233,
86.1594)**

Conversions

Conversions Part 1

Format	Color
Hex	F500F2
RGB	245, 0, 242
RGB Percent	96%, 0%, 95%
CMY	0.0392, 0.9998, 0.0510
CMYK	0.00, 1.00, 0.01, 0.04
HSL	301°, 100%, 48%
HSV	301°, 100%, 96%
XYZ	53.6832, 25.8233, 86.1594
YIQ	100.8430, 68.3380, 127.2020

Conversions

Conversions Part 2

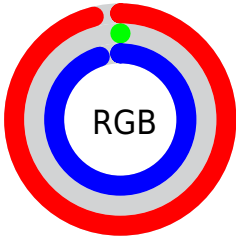
Format	Color
R _Y B	245, 0, 242
Decimal	16056562
CIE Lab	57.87, 94.90, -57.63
CIE LCh	58, 111.030, 328.733
Yxy	25.8233, 0.3240, 0.1559
Android (android.graphics.Color)	4294246642 (0xFFFF500F2)
YUV	100.8430, 69.5904, 126.4257
Hunter-Lab	50.8166, 99.6401, -64.9543

Details

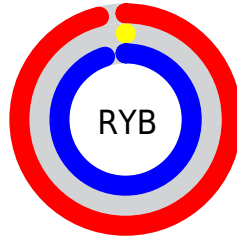
The XYZ color **53.6832, 25.8233, 86.1594** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **32.6701, 65.3127, 10.9721**, and the grayscale version is **12.1502, 12.7829, 13.9206**.

A 20% lighter version of the original color is **64.1402, 38.1805, 98.5967**, and **28.5241, 13.6931, 47.0386** is the 20% darker color. If you saturate the color by 10%, you get **53.6837, 25.8235, 86.1593**, and if you desaturate by 10%, it is **54.0669, 26.5175, 86.5101**.

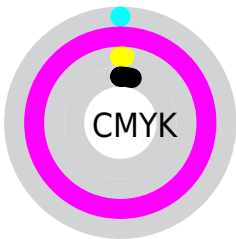
Distribution



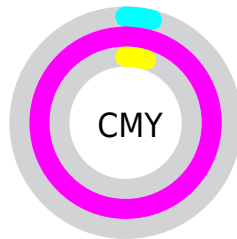
- Red (96%)
- Green (0%)
- Blue (95%)



- Red (96%)
- Yellow (0%)
- Blue (95%)



- Cyan (0%)
- Magenta (100%)
- Yellow (1%)
- Black (4%)





- Cyan (4%)
- Magenta (100%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6832, 25.8233, 86.1594 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 53.6832, 25.8233, 86.1594 by changing the saturation by 10% instead.


 53.6832, 25.8233,
86.1594


 53.6832, 25.8233,
86.1594


391.1189,
281.9136, 535.7010


 38.5781, 16.6915,
64.2441

 94.7686, 52.9897,
143.8804

 26.6109, 10.0148,
46.4010


 121.4795, 71.7932,
180.5233


 17.4163, 5.4088,
32.2114


 152.7898, 94.5893,
222.9124

 10.6289, 2.4890,
21.2569

 189.0648,
121.7624, 271.4663

 5.8833, 0.8711,
13.1188

 230.6699,
153.6971, 326.6036

 2.8142, 0.0000,
7.3787

277.9704,

 1.0563, 0.0000,

190.7775, 388.7428

3.6181

331.3316,
233.3882, 458.3024

■ 0.0000, 0.0000,
1.4182

■ 0.0000, 0.0000,
0.1559

■ 53.6832, 25.8233,
86.1594

■ 53.6832, 25.8233,
86.1594

■ 53.6837, 25.8235,
86.1593

■ 54.0669, 26.5175,
86.5101

■ 54.8743, 28.0600,
87.0022

■ 56.2378, 30.7147,
87.6801

■ 58.2365, 34.6395,
88.5700

60.9367, 39.9671,
89.6941

64.3963, 46.8135,
91.0718

68.6672, 55.2824,
92.7202

73.7968, 65.4687,
94.6553

79.8290, 77.4598,
96.8916

Harmonies

Analogous

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



39.0725, 25.8233, 154.4515



53.6832, 25.8233, 86.1594



60.2041, 25.8233, 29.7750

Triad

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



53.6832, 25.8233, 86.1594



25.1165, 25.8233, 0.0000



8.2120, 25.8233, 80.3524

Complementary

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



53.6832, 25.8233, 86.1594



32.6701, 65.3127, 10.9721

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.



6.7833, 25.8233, 26.5221



53.6832, 25.8233, 86.1594



14.1544, 25.8233, 0.1688

Square

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



53.6832, 25.8233, 86.1594



40.4288, 25.8233, 0.3405



8.4887, 25.8233, 4.6150



13.4839, 25.8233, 149.4436

Rectangle

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



53.6832, 25.8233, 86.1594



57.7750, 25.8233, 10.4957



8.4887, 25.8233, 4.6150



7.3741, 25.8233, 58.9628

Sweetspot

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



53.6843, 25.8245, 86.1599



75.1595, 60.4599, 101.5272



16.4827, 6.5939, 86.7914



15.6410, 12.0556, 21.5600



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.



53.6843, 25.8245, 86.1599



58.7910, 28.2804, 94.3525



41.2025, 20.8318, 20.4318



17.2044, 16.7646, 20.8228



28.9242, 13.9131, 46.4367



2.5449, 1.2239, 4.0960

Inverse Universe

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



53.6843, 25.8245, 86.1599



58.7910, 28.2804, 94.3525



36.1987, 66.7241, 29.5537



17.2044, 16.7646, 20.8228



28.9242, 13.9131, 46.4367



2.5449, 1.2239, 4.0960

Previews

White Background



This preview shows how the XYZ color 53.6832, 25.8233, 86.1594 looks on a white background.

Color Contrast Check

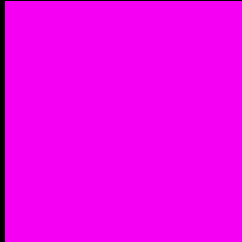
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.6832, 25.8233, 86.1594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

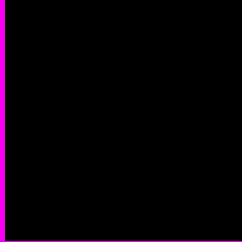
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 53.6832, 25.8233, 86.1594

Background



This preview shows how black text looks on a background with the XYZ color 53.6832, 25.8233, 86.1594.



This preview shows how white text looks on a background with the XYZ color 53.6832, 25.8233,

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

53.6832, 25.8233, 86.1594

Protanopia

30.2201, 26.7736, 98.1828

Deuteranopia

27.3205, 26.6220, 76.3717



Tritanopia

39.0743, 25.9470, 15.2607

Trichromacy



Original Color

53.6832, 25.8233, 86.1594



Protanomaly

31.3110, 19.2075, 92.4996



Deuteranomaly

29.7233, 19.0678, 78.4578



Tritanomaly

41.5443, 23.1609, 31.9866

Monochromacy



Original Color

53.6832, 25.8233, 86.1594



Achromatopsia

12.3695, 13.0136, 14.1719



Achromatomaly

20.6378, 12.7061, 31.0706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6832, 25.8233, 86.1594 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(245, 0, 242)` looks like.

```
.text, #text, p{  
    color:rgb(245, 0, 242)  
}
```

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(245, 0, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 0, 242) }
```

Border

The CSS property to change the border of an element to XYZ 53.6832, 25.8233, 86.1594 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(245, 0, 242) }
```


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

```
.border{ border-color:rgb(245, 0, 242) }
```

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

Here you see how a box with a 4 pixel rgb(245, 0, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 0, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 0, 242);  
box-shadow:4px 4px 4px 4px rgb(245, 0,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6832, 25.8233, 86.1594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 0, 242) }
```

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

```
.background{ background-color: rgb(245, 0,  
242) }
```

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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