

Converting Colors

XYZ(53.8530, 25.8832, 87.4176)

Have a look what the booklet for
XYZ(53.8530, 25.8832, 87.4176)
contains.

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Color

**XYZ(53.9853, 25.9441,
87.7503)**

Conversions

Conversions Part 1

Format	Color
Hex	F500F4
RGB	245, 0, 244
RGB Percent	96%, 0%, 96%
CMY	0.0392, 0.9998, 0.0431
CMYK	0.00, 1.00, 0.00, 0.04
HSL	300°, 100%, 48%
HSV	300°, 100%, 96%
XYZ	53.9853, 25.9441, 87.7503
YIQ	101.0710, 67.6960, 127.8240

Conversions

Conversions Part 2

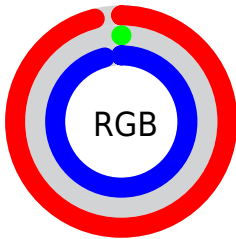
Format	Color
R_{YB}	245, 0, 244
Decimal	16056564
CIE _{Lab}	57.98, 95.18, -58.56
CIE _{LCh}	58, 111.754, 328.398
Yxy	25.9441, 0.3220, 0.1547
Android (android.graphics.Color)	4294246644 (0xFFFF500F4)
YUV	101.0710, 70.4640, 126.2257
Hunter-Lab	50.9354, 100.0515, -66.4888

Details

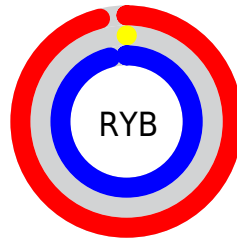
The XYZ color **53.9853, 25.9441, 87.7503** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **32.6591, 65.3083, 10.9144**, and the grayscale version is **12.2060, 12.8417, 13.9846**.

A 20% lighter version of the original color is **64.1402, 38.1805, 98.5967**, and **28.7368, 13.7782, 48.1586** is the 20% darker color. If you saturate the color by 10%, you get **53.9859, 25.9444, 87.7505**, and if you desaturate by 10%, it is **54.3390, 26.6263, 87.9434**.

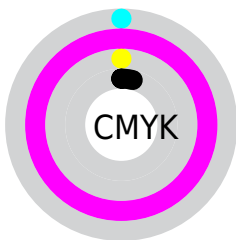
Distribution



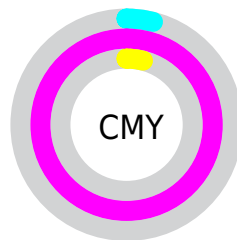
- Red (96%)
- Green (0%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9853, 25.9441, 87.7503 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 53.9853, 25.9441, 87.7503 by changing the saturation by 10% instead.


 53.9853, 25.9441,
87.7503

 53.9853, 25.9441,
87.7503


392.2532,
282.5076, 541.0653

 38.8205, 16.7818,
65.5531


 95.2097, 53.1848,
146.1176


 26.8002, 10.0791,
47.4555


 122.0000, 72.0319,
183.1247


 17.5591, 5.4514,
33.0390


 153.3962, 94.8762,
225.9056

 10.7317, 2.5145,
21.8850

 189.7637,
122.1019, 274.8788

 5.9526, 0.8839,
13.5749

 231.4678,
154.0935, 330.4628

 2.8567, 0.0000,
7.6902

278.8738,

 1.0784, 0.0000,

191.2354, 393.0762

3.8125

332.3472,
233.9120, 463.1375

■ 0.0070, 0.0000,
1.5230

■ 0.0000, 0.0000,
0.2350

■ 53.9853, 25.9441,
87.7503

■ 53.9853, 25.9441,
87.7503

■ 53.9859, 25.9444,
87.7505

■ 54.3390, 26.6263,
87.9434

■ 55.1164, 28.1566,
88.2776

■ 56.4498, 30.7992,
88.7972

■ 58.4183, 34.7118,
89.5285

■ 61.0882, 40.0272,
90.4937

■ 64.5175, 46.8613,
91.7120

■ 68.7580, 55.3179,
93.2008

■ 73.8572, 65.4918,
94.9759

■ 79.8588, 77.4705,
97.0518

Harmonies

Analogous

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



39.1577, 25.9441, 156.8258



53.9853, 25.9441, 87.7503



60.7116, 25.9441, 30.3759

Triad

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



53.9853, 25.9441, 87.7503



25.3911, 25.9441, 0.0000



8.1618, 25.9441, 80.3157

Complementary

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



53.9853, 25.9441, 87.7503



32.6591, 65.3083, 10.9144

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.



6.7625, 25.9441, 26.2232



53.9853, 25.9441, 87.7503



14.2703, 25.9441, 0.1165

Square

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



53.9853, 25.9441, 87.7503



40.8915, 25.9441, 0.3349



8.5136, 25.9441, 4.4706



13.4161, 25.9441, 150.4067

Rectangle

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



53.9853, 25.9441, 87.7503



58.3455, 25.9441, 10.6979



8.5136, 25.9441, 4.4706



7.3329, 25.9441, 58.7584

Sweetspot

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



53.9864, 25.9453, 87.7508



75.2598, 60.5000, 102.0551



16.4826, 6.5938, 86.7915



15.6654, 12.0654, 21.6888



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.



53.9864, 25.9453, 87.7508



59.1226, 28.4131, 96.0987



41.2024, 20.8317, 20.4314



17.2106, 16.7671, 20.8555



29.0843, 13.9771, 47.2796



2.5572, 1.2288, 4.1603

Inverse Universe

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



53.9864, 25.9453, 87.7508



59.1226, 28.4131, 96.0987



36.1986, 66.7241, 29.5532



17.2106, 16.7671, 20.8555



29.0843, 13.9771, 47.2796



2.5572, 1.2288, 4.1603

Previews

White Background



This preview shows how the XYZ color 53.9853, 25.9441, 87.7503 looks on a white background.

Color Contrast Check

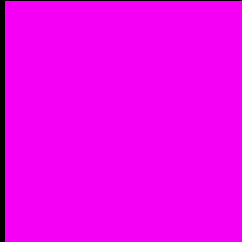
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.9853, 25.9441, 87.7503 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 53.9853, 25.9441, 87.7503

Background



This preview shows how black text looks on a background with the XYZ color 53.9853, 25.9441, 87.7503.



This preview shows how white text looks on a background with the XYZ color 53.9853, 25.9441,

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

53.9853, 25.9441, 87.7503

Protanopia

30.2201, 26.7736, 98.1828

Deuteranopia

27.4140, 26.6382, 77.8256



Tritanopia

39.2143, 26.1480, 15.5506

Trichromacy



Original Color

53.9853, 25.9441, 87.7503



Protanomaly

31.4682, 19.2704, 93.3278



Deuteranomaly

29.8351, 19.0925, 79.9546



Tritanomaly

41.7624, 23.3327, 32.8744

Monochromacy



Original Color

53.9853, 25.9441, 87.7503



Achromatopsia

12.3695, 13.0136, 14.1719



Achromatomaly

20.7200, 12.7390, 31.5038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9853, 25.9441, 87.7503 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, 244)` looks like.

```
.text, #text, p{  
    color:rgb(245, 0, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 0, 244) }
```

Border

The CSS property to change the border of an element to XYZ 53.9853, 25.9441, 87.7503 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, 244) }
```


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

```
.border{ border-color:rgb(245, 0, 244) }
```

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, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 0, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 0, 244);  
box-shadow:4px 4px 4px 4px rgb(245, 0,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9853, 25.9441, 87.7503 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, 244) }
```

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

```
.background{ background-color: rgb(245, 0,  
244) }
```

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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