

Converting Colors

XYZ(51.0069, 25.1668, 53.3617)

Have a look what the booklet for
XYZ(51.0069, 25.1668, 53.3617)
contains.

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Color

**XYZ(50.9776, 25.1550,
53.2075)**

Conversions

Conversions Part 1

Format	Color
Hex	FF00C2
RGB	255, 0, 194
RGB Percent	100%, 0%, 76%
CMY	0.0000, 0.9998, 0.2392
CMYK	0.00, 1.00, 0.24, 0.00
HSL	314°, 100%, 50%
HSV	314°, 100%, 100%
XYZ	50.9776, 25.1550, 53.2075
YIQ	98.3610, 89.7060, 114.3940

Conversions

Conversions Part 2

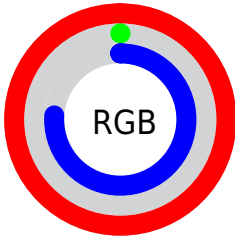
Format	Color
RYB	255, 0, 194
Decimal	16711874
CIELab	57.23, 90.61, -31.28
CIElCh	57, 95.858, 340.955
Yxy	25.1550, 0.3941, 0.1945
Android (android.graphics.Color)	4294901954 (0xFFFF00C2)
YUV	98.3610, 47.1500, 137.3724
Hunter-Lab	50.1548, 93.6576, -27.7904

Details

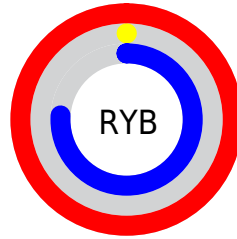
The XYZ color **50.9776, 25.1550, 53.2075** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **36.6045, 71.8579, 16.3633**, and the grayscale version is **11.5776, 12.1805, 13.2646**.

A 20% lighter version of the original color is **63.4040, 37.7278, 95.2072**, and **26.7259, 13.2309, 25.9561** is the 20% darker color. If you saturate the color by 10%, you get **50.9762, 25.1545, 53.2000**, and if you desaturate by 10%, it is **52.0368, 26.1541, 57.0115**.

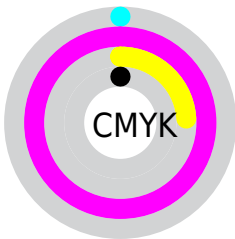
Distribution



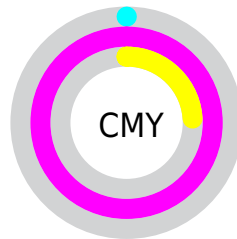
- Red (100%)
- Green (0%)
- Blue (76%)



- Red (100%)
- Yellow (0%)
- Blue (76%)



- Cyan (0%)
- Magenta (100%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (100%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9776, 25.1550, 53.2075 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 50.9776, 25.1550, 53.2075 by changing the saturation by 10% instead.


 50.9776, 25.1550,
53.2075


 50.9776, 25.1550,
53.2075

380.8658,
278.6090, 416.1696


 36.4118, 16.1926,
37.5796


 90.8048, 51.9086,
96.3543


 24.9239, 9.6605,
25.3573


 116.7970, 70.4685,
124.7102


 16.1488, 5.1745,
16.1220


 147.3285, 92.9964,
158.1459

 9.7210, 2.3500,
9.4552

 182.7649,
119.8766, 197.0799

 5.2752, 0.8000,
4.9384

 223.4715,
151.4936, 241.9307

 2.4461, 0.0000,
2.1531

269.8136,

 0.8681, 0.0000,

188.2317, 293.1169

0.6471

322.1566,
230.4754, 351.0570

■ 0.0000, 0.0000,
0.0000

■ 50.9776, 25.1550,
53.2075

■ 50.9776, 25.1550,
53.2075

■ 50.9762, 25.1545,
53.2000

■ 52.0368, 26.1541,
57.0115

■ 53.5915, 28.0985,
61.1208

■ 55.7849, 31.2745,
65.5851

■ 58.7048, 35.8567,
70.4351

■ 62.4246, 41.9918,
75.6970

67.0087, 49.8078,
81.3935

72.5146, 59.4195,
87.5454

78.9950, 70.9314,
94.1717

86.4982, 84.4402,
101.2901

Harmonies

Analogous

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



41.2186, 25.1550, 106.6872



50.9776, 25.1550, 53.2075



52.3067, 25.1550, 17.1620

Triad

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



50.9776, 25.1550, 53.2075



20.0037, 25.1550, 0.3184



10.9423, 25.1550, 92.0093

Complementary

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



50.9776, 25.1550, 53.2075



36.6045, 71.8579, 16.3633

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.



8.2653, 25.1550, 41.0383



50.9776, 25.1550, 53.2075



12.2843, 25.1550, 2.1262

Square

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



50.9776, 25.1550, 53.2075



31.7451, 25.1550, 0.5631



8.6633, 25.1550, 11.6590



17.4819, 25.1550, 138.8118

Rectangle

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



50.9776, 25.1550, 53.2075



47.8782, 25.1550, 6.2005



8.6633, 25.1550, 11.6590



9.6709, 25.1550, 73.6429

Sweetspot

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



50.9782, 25.1562, 53.2079



72.5018, 59.3968, 87.5317



19.8865, 8.1676, 95.1361



14.9969, 11.7980, 18.1681



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.



50.9782, 25.1562, 53.2079



50.9762, 25.1545, 53.2000



42.2852, 21.6790, 7.4311



18.5959, 18.2217, 21.7551



26.6975, 13.1683, 28.1214



2.6419, 1.2992, 2.9619

Inverse Universe

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



50.9782, 25.1562, 53.2079



50.9762, 25.1545, 53.2000



44.7319, 75.1088, 59.1618



18.5959, 18.2217, 21.7551



26.6975, 13.1683, 28.1214



2.6419, 1.2992, 2.9619

Previews

White Background



This preview shows how the XYZ color 50.9776, 25.1550, 53.2075 looks on a white background.

Color Contrast Check

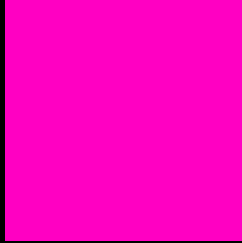
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.9776, 25.1550, 53.2075 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 50.9776, 25.1550, 53.2075

Background



This preview shows how black text looks on a background with the XYZ color 50.9776, 25.1550, 53.2075.



This preview shows how white text looks on a background with the XYZ color 50.9776, 25.1550,

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

50.9776, 25.1550, 53.2075

Protanopia

29.7745, 26.1257, 98.0812

Deuteranopia

26.3009, 25.6528, 47.8213



Tritanopia

42.0384, 25.3409, 10.2650

Trichromacy



Original Color

50.9776, 25.1550, 53.2075



Protanomaly

29.1911, 18.2896, 79.0825



Deuteranomaly

29.9503, 19.4755, 48.6350



Tritanomaly

43.5751, 23.6341, 20.3543

Monochromacy



Original Color

50.9776, 25.1550, 53.2075



Achromatopsia

11.6093, 12.2139, 13.3009



Achromatomaly

19.4738, 12.1073, 23.5009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9776, 25.1550, 53.2075 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, 0, 194)` looks like.

```
.text, #text, p{  
  color:rgb(255, 0, 194)  
}
```

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, 0, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 194) }
```

Border

The CSS property to change the border of an element to XYZ 50.9776, 25.1550, 53.2075 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, 0, 194) }
```


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

```
.border{ border-color:rgb(255, 0, 194) }
```

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

Here you see how a box with a 4 pixel rgb(255, 0, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9776, 25.1550, 53.2075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 194) }
```

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

```
.background{ background-color: rgb(255, 0,  
194) }
```

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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