

Converting Colors

XYZ(52.3591, 25.6000, 65.3445)

Have a look what the booklet for
XYZ(52.3591, 25.6000, 65.3445)
contains.

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Color

**XYZ(52.1551, 25.4995,
65.1238)**

Conversions

Conversions Part 1

Format	Color
Hex	FC00D5
RGB	252, 0, 213
RGB Percent	99%, 0%, 84%
CMY	0.0118, 0.9998, 0.1647
CMYK	0.00, 1.00, 0.15, 0.01
HSL	309°, 100%, 49%
HSV	309°, 100%, 99%
XYZ	52.1551, 25.4995, 65.1238
YIQ	99.6300, 81.8190, 119.6670

Conversions

Conversions Part 2

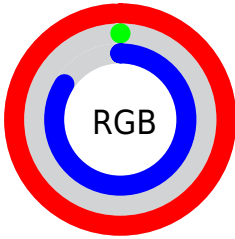
Format	Color
R_{YB}	252, 0, 213
Decimal	16515285
CIE _{Lab}	57.56, 92.28, -41.68
CIE _{LCh}	58, 101.258, 335.691
Yxy	25.4995, 0.3653, 0.1786
Android (android.graphics.Color)	4294705365 (0xFFFC00D5)
YUV	99.6300, 55.8914, 133.6285
Hunter-Lab	50.4970, 95.9912, -41.1158

Details

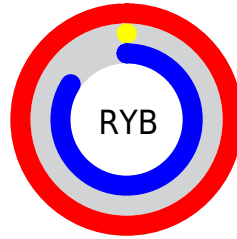
The XYZ color **52.1551, 25.4995, 65.1238** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **35.1783, 69.7685, 13.5364**, and the grayscale version is **11.8747, 12.4931, 13.6049**.

A 20% lighter version of the original color is **64.1402, 38.1805, 98.5967**, and **27.4068, 13.4158, 33.4928** is the 20% darker color. If you saturate the color by 10%, you get **52.1545, 25.4993, 65.1189**, and if you desaturate by 10%, it is **53.0097, 26.4062, 67.8813**.

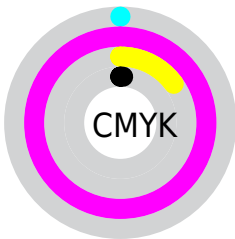
Distribution



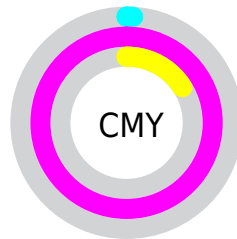
- Red (99%)
- Green (0%)
- Blue (84%)



- Red (99%)
- Yellow (0%)
- Blue (84%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (1%)





- Cyan (1%)
- Magenta (100%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1551, 25.4995, 65.1238 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 52.1551, 25.4995, 65.1238 by changing the saturation by 10% instead.

 52.1551, 25.4995,
65.1238


 52.1551, 25.4995,
65.1238

385.3492,
280.3164, 461.5551


 37.3535, 16.4496,
47.1095


 92.5328, 52.4664,
113.8428


 25.6562, 9.8429,
32.7673


 118.8396, 71.1522,
145.3846


 16.6980, 5.2949,
21.6786


 149.7122, 93.8187,
182.2726

 10.1134, 2.4213,
13.4248

 185.5159,
120.8504, 224.9254

 5.5370, 0.8368,
7.5876

 226.6161,
152.6316, 273.7615

 2.6036, 0.0000,
3.7482

273.3782,

 0.9478, 0.0000,

189.5468, 329.1994

1.4883

326.1674,
231.9802, 391.6578

■ 0.0000, 0.0000,
0.2092

■ 0.0000, 0.0000,
0.0000

■ 52.1551, 25.4995,
65.1238

■ 52.1551, 25.4995,
65.1238

■ 52.1545, 25.4993,
65.1189

■ 53.0097, 26.4062,
67.8813

■ 54.3299, 28.2254,
70.8529

■ 56.2557, 31.2365,
74.0860

■ 58.8719, 35.6090,
77.6093

■ 62.2498, 41.4852,
81.4467

■ 66.4515, 48.9893,
85.6195

■ 71.5328, 58.2328,
90.1466

■ 77.5445, 69.3172,
95.0453

■ 84.5335, 82.3363,
100.3317

Harmonies

Analogous

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



40.4648, 25.4995, 124.3694



52.1551, 25.4995, 65.1238



55.4634, 25.4995, 21.6781

Triad

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



52.1551, 25.4995, 65.1238



22.0059, 25.4995, 0.0000



9.8460, 25.4995, 87.4417

Complementary

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



52.1551, 25.4995, 65.1238



35.1783, 69.7685, 13.5364

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.



7.6954, 25.4995, 34.8954



52.1551, 25.4995, 65.1238



13.0566, 25.4995, 1.2064

Square

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



52.1551, 25.4995, 65.1238



35.1071, 25.4995, 0.4865



8.6362, 25.4995, 8.4005



15.8792, 25.4995, 143.1646

Rectangle

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



52.1551, 25.4995, 65.1238



51.7614, 25.4995, 7.7620



8.6362, 25.4995, 8.4005



8.7557, 25.4995, 67.7249

Sweetspot

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



52.1560, 25.5008, 65.1243



73.4616, 59.7808, 92.5864



18.3649, 7.4385, 92.5640



15.2285, 11.8906, 19.3877



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.



52.1560, 25.5008, 65.1243



53.5737, 26.1935, 66.8781



41.9168, 21.4051, 11.2055



17.8708, 17.4757, 21.1753



27.2126, 13.3008, 34.1575



2.5505, 1.2439, 3.3223

Inverse Universe

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



52.1560, 25.5008, 65.1243



53.5737, 26.1935, 66.8781



41.4957, 72.2954, 46.8033



17.8708, 17.4757, 21.1753



27.2126, 13.3008, 34.1575



2.5505, 1.2439, 3.3223

Previews

White Background



This preview shows how the XYZ color 52.1551, 25.4995, 65.1238 looks on a white background.

Color Contrast Check

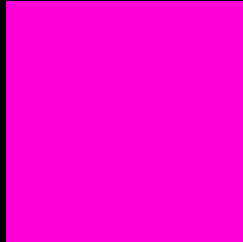
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.1551, 25.4995, 65.1238 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 52.1551, 25.4995, 65.1238

Background



This preview shows how black text looks on a background with the XYZ color 52.1551, 25.4995, 65.1238.



This preview shows how white text looks on a background with the XYZ color 52.1551, 25.4995,

65.1238.

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

52.1551, 25.4995, 65.1238

Protanopia

29.9960, 26.4480, 98.1318

Deuteranopia

26.7163, 26.0601, 58.2656



Tritanopia

41.2491, 25.7627, 12.2498

Trichromacy



Original Color

52.1551, 25.4995, 65.1238



Protanomaly

30.1209, 18.7704, 84.4736



Deuteranomaly

30.0262, 19.3866, 59.9170



Tritanomaly

43.2324, 23.6799, 24.8463

Monochromacy



Original Color

52.1551, 25.4995, 65.1238



Achromatopsia

12.1130, 12.7438, 13.8780



Achromatomaly

20.1587, 12.5584, 26.5608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1551, 25.4995, 65.1238 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(252, 0, 213)` looks like.

```
.text, #text, p{  
    color:rgb(252, 0, 213)  
}
```

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(252, 0, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 0, 213) }
```

Border

The CSS property to change the border of an element to XYZ 52.1551, 25.4995, 65.1238 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(252, 0, 213) }
```


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

```
.border{ border-color:rgb(252, 0, 213) }
```

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

Here you see how a box with a 4 pixel rgb(252, 0, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 0, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 0, 213);  
box-shadow:4px 4px 4px 4px rgb(252, 0,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1551, 25.4995, 65.1238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 0, 213) }
```

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

```
.background{ background-color: rgb(252, 0,  
213) }
```

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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