

Converting Colors

XYZ(52.6871, 26.4123, 60.4419)

Have a look what the booklet for
XYZ(52.6871, 26.4123, 60.4419)
contains.

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Color

**XYZ(52.7500, 26.4550,
60.7186)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1ACE
RGB	255, 26, 206
RGB Percent	100%, 10%, 81%
CMY	0.0000, 0.8979, 0.1922
CMYK	0.00, 0.90, 0.19, 0.00
HSL	313°, 100%, 55%
HSV	313°, 90%, 100%
XYZ	52.7500, 26.4550, 60.7186
YIQ	114.9910, 78.7040, 104.5280

Conversions

Conversions Part 2

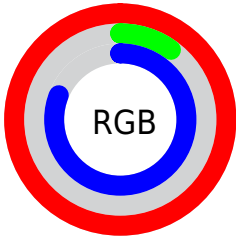
Format	Color
R _Y B	255, 26, 206
Decimal	16718542
CIE _{Lab}	58.47, 89.92, -36.23
CIE _{LCh}	58, 96.944, 338.055
Yxy	26.4550, 0.3770, 0.1891
Android (android.graphics.Color)	4294908622 (0xFFFF1ACE)
YUV	114.9910, 44.8674, 122.7879
Hunter-Lab	51.4344, 93.0554, -33.9881

Details

The XYZ color **52.7500, 26.4550, 60.7186** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **37.4576, 72.2483, 18.6324**, and the grayscale version is **16.1491, 16.9901, 18.5022**.

A 20% lighter version of the original color is **64.7586, 39.4173, 98.8029**, and **27.5782, 13.5718, 30.4442** is the 20% darker color. If you saturate the color by 10%, you get **51.7347, 25.4670, 57.1661**, and if you desaturate by 10%, it is **54.2623, 28.4001, 64.5509**.

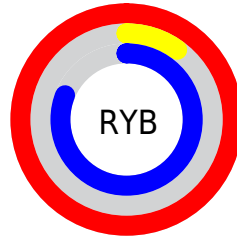
Distribution



Red (100%)

Green (10%)

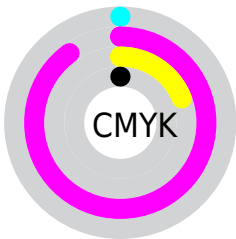
Blue (81%)



Red (100%)

Yellow (10%)

Blue (81%)

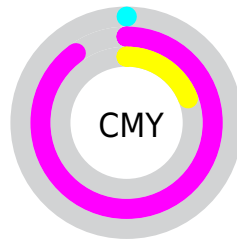


Cyan (0%)

Magenta (90%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (90%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7500, 26.4550, 60.7186 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 52.7500, 26.4550, 60.7186 by changing the saturation by 10% instead.


 52.7500, 26.4550,
60.7186

 52.7500, 26.4550,
60.7186

387.6018,
285.0085, 445.1194


 37.8299, 17.1643,
43.5690


 93.4041, 54.0081,
107.4249


 26.0273, 10.3517,
29.9971


 119.8688, 73.0393,
137.8188


 16.9769, 5.6328,
19.5844


 150.9124, 96.0861,
173.4645

 10.3132, 2.6231,
11.9122

 186.9003,
123.5329, 214.7805

 5.6710, 0.9383,
6.5621

 228.1979,
155.7642, 262.1855

 2.6848, 0.0000,
3.1155

275.1704,

 0.9894, 0.0000,

193.1643, 316.0980

1.1539

328.1833,
236.1176, 376.9364

■ 0.0000, 0.0000,
0.0000

■ 52.7500, 26.4550,
60.7186

■ 52.7500, 26.4550,
60.7186

■ 51.7347, 25.4670,
57.1661

■ 54.2623, 28.4001,
64.5509

■ 51.7158, 25.4503,
57.0946

■ 56.4090, 31.5768,
68.7090

■ 59.2779, 36.1605,
73.2237

■ 62.9424, 42.2972,
78.1205

■ 67.4664, 50.1148,
83.4217

■ 72.9073, 59.7276,
89.1476

■ 79.3176, 71.2403,
95.3166

■ 86.7456, 84.7490,
101.9460

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



41.9654, 26.4550, 116.7861



52.7500, 26.4550, 60.7186



55.1217, 26.4550, 20.5956

Triad

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



52.7500, 26.4550, 60.7186



22.0855, 26.4550, 0.3367



11.1330, 26.4550, 90.6501

Complementary

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



52.7500, 26.4550, 60.7186



37.4576, 72.2483, 18.6324

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.



8.6598, 26.4550, 38.9490



52.7500, 26.4550, 60.7186



13.5532, 26.4550, 1.9198

Square

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



52.7500, 26.4550, 60.7186



34.6565, 26.4550, 0.7610



9.3796, 26.4550, 10.6537



17.5550, 26.4550, 141.6088

Rectangle

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



52.7500, 26.4550, 60.7186



51.0861, 26.4550, 7.7251



9.3796, 26.4550, 10.6537



9.9215, 26.4550, 71.6806

Sweetspot

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



52.7506, 26.4562, 60.7191



74.5983, 62.7482, 90.8255



21.0792, 9.3308, 95.2978



15.5269, 12.6448, 19.0024



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.



52.7506, 26.4562, 60.7191



51.7158, 25.4503, 57.0946



43.6628, 22.8211, 12.8632



18.6164, 18.2299, 21.8631



27.0799, 13.3212, 30.1347



2.6762, 1.3128, 3.1422

Inverse Universe

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



52.7506, 26.4562, 60.7191



51.7158, 25.4503, 57.0946



45.0824, 75.2982, 58.7842



18.6164, 18.2299, 21.8631



27.0799, 13.3212, 30.1347



2.6762, 1.3128, 3.1422

Previews

White Background



This preview shows how the XYZ color 52.7500, 26.4550, 60.7186 looks on a white background.

Color Contrast Check

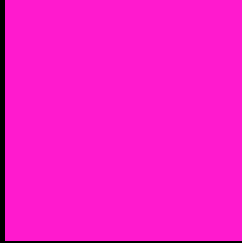
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.7500, 26.4550, 60.7186 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 52.7500, 26.4550, 60.7186

Background



This preview shows how black text looks on a background with the XYZ color 52.7500, 26.4550, 60.7186.



This preview shows how white text looks on a background with the XYZ color 52.7500, 26.4550,

60.7186.

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

52.7500, 26.4550, 60.7186

Protanopia

30.4753, 26.9052, 98.1947

Deuteranopia

27.3157, 26.6755, 54.1613



Tritanopia

42.5880, 26.4577, 12.0947

Trichromacy



Original Color

52.7500, 26.4550, 60.7186



Protanomaly

31.2378, 20.6836, 82.4667



Deuteranomaly

31.5740, 21.5832, 55.9279



Tritanomaly

44.9412, 25.3334, 23.9939

Monochromacy



Original Color

52.7500, 26.4550, 60.7186



Achromatopsia

16.2955, 17.1441, 18.6699



Achromatomaly

24.1644, 16.4316, 29.9150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7500, 26.4550, 60.7186 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, 26, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 26, 206)  
}
```

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, 26, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 26, 206) }
```

Border

The CSS property to change the border of an element to XYZ 52.7500, 26.4550, 60.7186 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, 26, 206) }
```


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

```
.border{ border-color:rgb(255, 26, 206) }
```

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

Here you see how a box with a 4 pixel rgb(255, 26, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 26, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 26, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 26,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7500, 26.4550, 60.7186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 26, 206) }
```

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

```
.background{ background-color: rgb(255, 26,  
206) }
```

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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