

Converting Colors

XYZ(52.7860, 26.5266, 65.2629)

Have a look what the booklet for
XYZ(52.7860, 26.5266, 65.2629)
contains.

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Color

**XYZ(52.6194, 26.4281,
65.2786)**

Conversions

Conversions Part 1

Format	Color
Hex	FC1ED5
RGB	252, 30, 213
RGB Percent	99%, 12%, 84%
CMY	0.0118, 0.8823, 0.1647
CMYK	0.00, 0.88, 0.15, 0.01
HSL	311°, 97%, 55%
HSV	311°, 88%, 99%
XYZ	52.6194, 26.4281, 65.2786
YIQ	117.2400, 73.5690, 103.9770

Conversions

Conversions Part 2

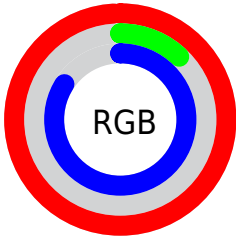
Format	Color
R _{YB}	252, 30, 213
Decimal	16522965
CIE _{Lab}	58.44, 89.69, -40.30
CIE _{LCh}	58, 98.325, 335.806
Yxy	26.4281, 0.3646, 0.1831
Android (android.graphics.Color)	4294713045 (0xFFFC1ED5)
YUV	117.2400, 47.2097, 118.1845
Hunter-Lab	51.4083, 92.7408, -39.3011

Details

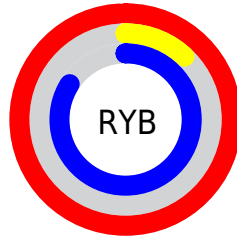
The XYZ color **52.6194, 26.4281, 65.2786** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **36.4217, 70.3277, 17.2891**, and the grayscale version is **16.8291, 17.7056, 19.2814**.

A 20% lighter version of the original color is **64.8659, 39.6319, 98.8386**, and **27.6574, 13.5450, 33.5045** is the 20% darker color. If you saturate the color by 10%, you get **51.6533, 25.3826, 62.2216**, and if you desaturate by 10%, it is **54.1021, 28.4813, 68.5838**.

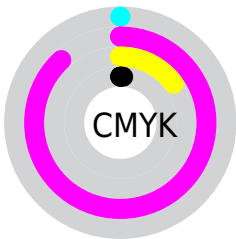
Distribution



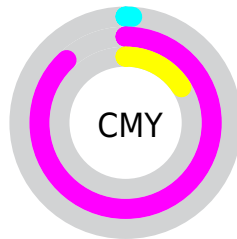
- Red (99%)
- Green (12%)
- Blue (84%)



- Red (99%)
- Yellow (12%)
- Blue (84%)



- Cyan (0%)
- Magenta (88%)
- Yellow (15%)
- Black (1%)





- Cyan (1%)
- Magenta (88%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6194, 26.4281, 65.2786 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 52.6194, 26.4281, 65.2786 by changing the saturation by 10% instead.


 52.6194, 26.4281,
65.2786


 52.6194, 26.4281,
65.2786


387.1080,
284.8773, 462.1260

 37.7253, 17.1442,
47.2342

 93.2129, 53.9648,
114.0674


 25.9458, 10.3373,
32.8652


 119.6430, 72.9863,
145.6489


 16.9156, 5.6232,
21.7529


 150.6492, 96.0225,
182.5800

 10.2692, 2.6173,
13.4789

 186.5967,
123.4578, 225.2790

 5.6415, 0.9354,
7.6245

 227.8510,
155.6765, 274.1646

 2.6669, 0.0000,
3.7713

274.7774,

 0.9802, 0.0000,

193.0631, 329.6552

1.5008

327.7413,
236.0019, 392.1696

■ 0.0000, 0.0000,
0.2185

■ 0.0000, 0.0000,
0.0000

■ 52.6194, 26.4281,
65.2786

■ 52.6194, 26.4281,
65.2786

■ 51.6533, 25.3826,
62.2216

■ 54.1021, 28.4813,
68.5838

■ 51.4966, 25.2362,
61.6545

■ 56.2104, 31.7613,
72.1737

■ 59.0269, 36.4328,
76.0765

■ 62.6208, 42.6340,
80.3159

67.0530, 50.4866,
84.9127

72.3783, 60.0999,
89.8859

78.6468, 71.5738,
95.2525

85.9047, 85.0008,
101.0287

93.6106, 99.2978,
107.0344

Harmonies

Analogous

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



41.1960, 26.4281, 122.6346



52.6194, 26.4281, 65.2786



55.8084, 26.4281, 22.5901

Triad

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



52.6194, 26.4281, 65.2786



22.8546, 26.4281, 0.2055



10.6600, 26.4281, 87.4000

Complementary

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



52.6194, 26.4281, 65.2786



36.4217, 70.3277, 17.2891

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.



8.4375, 26.4281, 35.9984



52.6194, 26.4281, 65.2786



13.8864, 26.4281, 1.5629

Square

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



52.6194, 26.4281, 65.2786



35.8210, 26.4281, 0.7741



9.3944, 26.4281, 9.2913



16.7942, 26.4281, 141.0761

Rectangle

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



52.6194, 26.4281, 65.2786



52.1709, 26.4281, 8.5196



9.3944, 26.4281, 9.2913



9.5377, 26.4281, 68.2353

Sweetspot

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



52.6203, 26.4294, 65.2791



75.6039, 64.0186, 93.4446



20.3518, 9.1520, 92.7900



15.7387, 12.8955, 19.6062



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.



52.6203, 26.4294, 65.2791



52.8975, 25.9230, 63.3176



43.1095, 22.6251, 15.1959



17.8545, 17.4691, 21.0893



26.8743, 13.1654, 32.3762



2.5222, 1.2326, 3.1735

Inverse Universe

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



52.6203, 26.4294, 65.2791



52.8975, 25.9230, 63.3176



43.3835, 73.1124, 53.9494



17.8545, 17.4691, 21.0893



26.8743, 13.1654, 32.3762



2.5222, 1.2326, 3.1735

Previews

White Background



This preview shows how the XYZ color 52.6194, 26.4281, 65.2786 looks on a white background.

Color Contrast Check

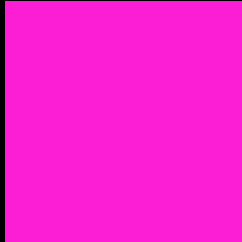
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.6194, 26.4281, 65.2786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

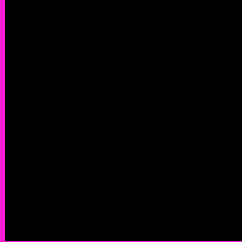
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 52.6194, 26.4281, 65.2786

Background



This preview shows how black text looks on a background with the XYZ color 52.6194, 26.4281, 65.2786.



This preview shows how white text looks on a background with the XYZ color 52.6194, 26.4281,

65.2786.

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

52.6194, 26.4281, 65.2786

Protanopia

30.4753, 26.9052, 98.1947

Deuteranopia

27.2657, 26.5573, 58.3326



Tritanopia

41.6156, 26.2899, 13.0063

Trichromacy



Original Color

52.6194, 26.4281, 65.2786



Protanomaly

31.5975, 20.9559, 84.8176



Deuteranomaly

31.4176, 21.5469, 60.2607



Tritanomaly

44.0483, 25.0865, 25.8131

Monochromacy



Original Color

52.6194, 26.4281, 65.2786



Achromatopsia

16.9083, 17.7888, 19.3720



Achromatomaly

24.6419, 16.8710, 31.6634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6194, 26.4281, 65.2786 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, 30, 213)` looks like.

```
.text, #text, p{  
    color:rgb(252, 30, 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, 30, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 30, 213) }
```

Border

The CSS property to change the border of an element to XYZ 52.6194, 26.4281, 65.2786 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, 30, 213) }
```


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

```
.border{ border-color:rgb(252, 30, 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, 30, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 30, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 30, 213);  
box-shadow:4px 4px 4px 4px rgb(252, 30,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6194, 26.4281, 65.2786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 30, 213) }
```

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

```
.background{ background-color: rgb(252, 30,  
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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