

Converting Colors

XYZ(50.5602, 29.2528, 75.5966)

Have a look what the booklet for
XYZ(50.5602, 29.2528, 75.5966)
contains.

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Color

**XYZ(50.7179, 29.3667,
75.6683)**

Conversions

Conversions Part 1

Format	Color
Hex	E955E3
RGB	233, 85, 227
RGB Percent	91%, 33%, 89%
CMY	0.0863, 0.6666, 0.1098
CMYK	0.00, 0.64, 0.03, 0.09
HSL	302°, 77%, 62%
HSV	302°, 64%, 91%
XYZ	50.7179, 29.3667, 75.6683
YIQ	145.4400, 42.6260, 75.5380

Conversions

Conversions Part 2

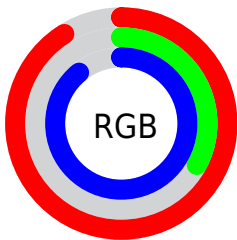
Format	Color
R _{YB}	233, 85, 227
Decimal	15291875
CIE Lab	61.10, 73.21, -44.22
CIE LCh	61, 85.522, 328.869
Yxy	29.3667, 0.3256, 0.1885
Android (android.graphics.Color)	4293481955 (0xFFE955E3)
YUV	145.4400, 40.2091, 76.7901
Hunter-Lab	54.1911, 72.2254, -44.8544

Details

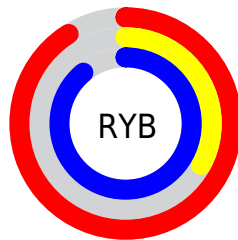
The XYZ color **50.7179, 29.3667, 75.6683** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **34.7749, 60.9657, 19.8340**, and the grayscale version is **26.9233, 28.3254, 30.8464**.

A 20% lighter version of the original color is **69.2633, 48.4265, 100.3044**, and **24.8171, 11.9607, 39.5287** is the 20% darker color. If you saturate the color by 10%, you get **49.0466, 26.2314, 74.4698**, and if you desaturate by 10%, it is **52.9957, 33.7123, 77.0730**.

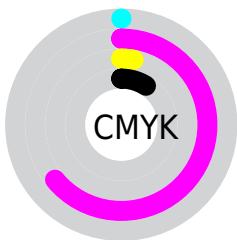
Distribution



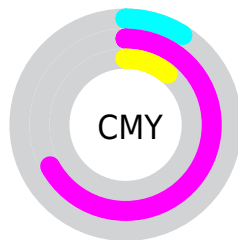
- Red (91%)
- Green (33%)
- Blue (89%)



- Red (91%)
- Yellow (33%)
- Blue (89%)



- Cyan (0%)
- Magenta (64%)
- Yellow (3%)
- Black (9%)





- Cyan (9%)
- Magenta (67%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.7179, 29.3667, 75.6683 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 50.7179, 29.3667, 75.6683 by changing the saturation by 10% instead.


 50.7179, 29.3667,
75.6683

 50.7179, 29.3667,
75.6683


379.8725,
298.9412, 499.5280


 36.2043, 19.3584,
55.6555


 90.4231, 58.6592,
129.0137


 24.7628, 11.9295,
39.5247


 116.3454, 78.7122,
163.1834

 16.0282, 6.6957,
26.8572


 146.8014,
102.8822, 202.9092

 9.6351, 3.2725,
17.2345

 182.1562,
131.5536, 248.6096

 5.2181, 1.2756,
10.2381

222.7754,
165.1108, 300.7031

 2.4119, 0.1222,
5.4494

269.0243,

 0.8510, 0.0000,

203.9382, 359.6084

2.4500

321.2682,
248.4202, 425.7438

■ 0.0000, 0.0000,
0.8135

■ 0.0000, 0.0000,
0.0000

■ 50.7179, 29.3667,
75.6683

■ 50.7179, 29.3667,
75.6683

■ 49.0466, 26.2314,
74.4698

■ 52.9957, 33.7123,
77.0730

■ 47.9167, 24.1786,
73.4551

■ 55.9303, 39.3711,
78.6998

■ 47.2542, 23.0594,
72.5997

■ 59.5704, 46.4396,
80.5654

■ 46.9988, 22.6815,
72.1050

■ 63.9591, 55.0044,
82.6841

69.1363, 65.1448,
85.0691

75.1387, 76.9347,
87.7329

82.0012, 90.4434,
90.6868

84.2964, 94.8165,
92.1219

84.4330, 94.8712,
92.8410

Harmonies

Analogous

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



39.6616, 29.3667, 122.1817



50.7179, 29.3667, 75.6683



55.4739, 29.3667, 33.2093

Triad

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



50.7179, 29.3667, 75.6683



28.3398, 29.3667, 1.4524



12.9750, 29.3667, 71.9821

Complementary

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



50.7179, 29.3667, 75.6683



34.7749, 60.9657, 19.8340

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.



11.4359, 29.3667, 30.7723



50.7179, 29.3667, 75.6683



18.7478, 29.3667, 2.6616

Square

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



50.7179, 29.3667, 75.6683



40.6003, 29.3667, 2.9007



13.2320, 29.3667, 9.5055



18.1883, 29.3667, 119.2278

Rectangle

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



50.7179, 29.3667, 75.6683



53.6701, 29.3667, 15.8821



13.2320, 29.3667, 9.5055



12.0842, 29.3667, 56.3729

Sweetspot

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



50.7190, 29.3681, 75.6689



81.1792, 72.7620, 102.7240



22.1679, 14.5520, 78.7322



16.9971, 14.8331, 21.8113



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.



50.7190, 29.3681, 75.6689



59.7299, 31.3430, 91.0123



42.6924, 26.1574, 33.4016



15.6869, 15.3026, 18.9024



26.6794, 12.8745, 40.9746



2.1032, 1.0142, 3.2608

Inverse Universe

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



50.7190, 29.3681, 75.6689



59.7299, 31.3430, 91.0123



39.5814, 62.8883, 45.1448



15.6869, 15.3026, 18.9024



26.6794, 12.8745, 40.9746



2.1032, 1.0142, 3.2608

Previews

White Background



This preview shows how the XYZ color 50.7179, 29.3667, 75.6683 looks on a white background.

Color Contrast Check

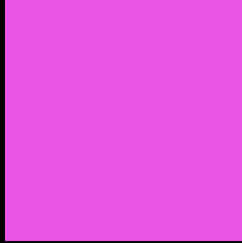
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.7179, 29.3667, 75.6683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

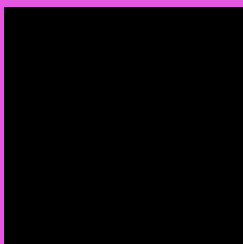
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 50.7179, 29.3667, 75.6683

Background



This preview shows how black text looks on a background with the XYZ color 50.7179, 29.3667, 75.6683.



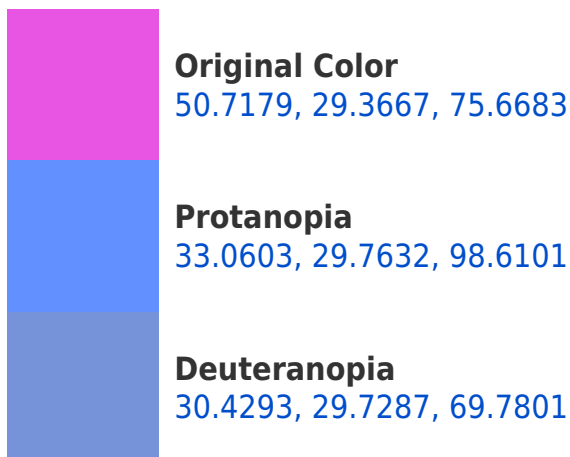
This preview shows how white text looks on a background with the XYZ color 50.7179, 29.3667,

75.6683.

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





Tritanopia

39.5876, 29.0889, 22.5970

Trichromacy



Original Color

50.7179, 29.3667, 75.6683



Protanomaly

35.5970, 26.9615, 89.7141



Deuteranomaly

34.7560, 27.1093, 71.8074



Tritanomaly

42.4347, 28.4814, 36.9791

Monochromacy



Original Color

50.7179, 29.3667, 75.6683



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

32.9523, 26.6082, 43.9566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7179, 29.3667, 75.6683 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(233, 85, 227)` looks like.

```
.text, #text, p{  
    color:rgb(233, 85, 227)  
}
```

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(233, 85, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 85, 227) }
```

Border

The CSS property to change the border of an element to XYZ 50.7179, 29.3667, 75.6683 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(233, 85, 227) }
```


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

```
.border{ border-color:rgb(233, 85, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 85, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 85, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 85, 227);  
box-shadow:4px 4px 4px 4px rgb(233, 85,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7179, 29.3667, 75.6683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 85, 227) }
```

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

```
.background{ background-color: rgb(233, 85,  
227) }
```

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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