

Converting Colors

XYZ(58.2520, 34.1882, 72.6360)

Have a look what the booklet for
XYZ(58.2520, 34.1882, 72.6360)
contains.

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Color

**XYZ(58.2520, 34.1882,
72.6360)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5CDE
RGB	255, 92, 222
RGB Percent	100%, 36%, 87%
CMY	0.0000, 0.6392, 0.1294
CMYK	0.00, 0.64, 0.13, 0.00
HSL	312°, 100%, 68%
HSV	312°, 64%, 100%
XYZ	58.2520, 34.1882, 72.6360
YIQ	155.5570, 55.4180, 74.9860

Conversions

Conversions Part 2

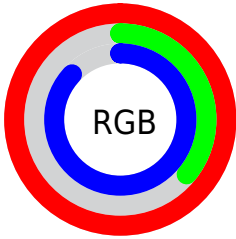
Format	Color
R _Y B	255, 92, 222
Decimal	16735454
CIE _{Lab}	65.11, 75.09, -34.91
CIE _{LCh}	65, 82.809, 335.069
Y _{xy}	34.1882, 0.3529, 0.2071
Android (android.graphics.Color)	4294925534 (0xFFFF5CDE)
YUV	155.5570, 32.7564, 87.2115
Hunter-Lab	58.4707, 75.5087, -32.7243

Details

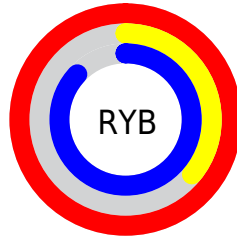
The XYZ color **58.2520, 34.1882, 72.6360** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **43.8766, 75.2766, 31.6218**, and the grayscale version is **31.2460, 32.8732, 35.7989**.

A 20% lighter version of the original color is **70.3566, 50.6132, 100.6689**, and **29.5325, 14.6431, 37.3463** is the 20% darker color. If you saturate the color by 10%, you get **55.7213, 30.2174, 68.4308**, and if you desaturate by 10%, it is **61.5483, 39.6564, 77.2018**.

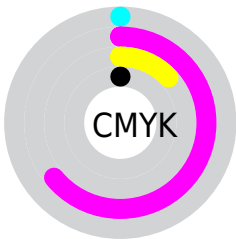
Distribution



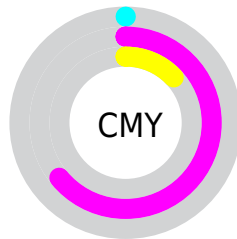
- Red (100%)
- Green (36%)
- Blue (87%)



- Red (100%)
- Yellow (36%)
- Blue (87%)



- Cyan (0%)
- Magenta (64%)
- Yellow (13%)
- Black (0%)




- Cyan (0%)
- Magenta (64%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.2520, 34.1882, 72.6360 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 58.2520, 34.1882, 72.6360 by changing the saturation by 10% instead.

 58.2520, 34.1882,
72.6360


 58.2520, 34.1882,
72.6360

408.0630,
320.9704, 488.7892


 42.2553, 23.0382,
53.1884


 101.4106, 66.2262,
124.6764

 29.4932, 14.6217,
37.5644


 129.3032, 87.8831,
158.1063

 19.6004, 8.5543,
25.3456


 161.8919,
113.8110, 197.0341

 12.2115, 4.4517,
16.1134

 199.5419,
144.3943, 241.8782

 6.9611, 1.9293,
9.4492

242.6187,
180.0176, 293.0572

 3.4839, 0.5659,
4.9345

291.4876,

 1.4145, 0.0000,

221.0651, 350.9897

2.1508

346.5139,
267.9212, 416.0942

■ 0.2665, 0.0000,
0.6458

■ 0.0000, 0.0000,
0.0000

■ 58.2520, 34.1882,
72.6360

■ 58.2520, 34.1882,
72.6360

■ 55.7213, 30.2174,
68.4308

■ 61.5483, 39.6564,
77.2018

■ 53.8759, 27.5835,
64.5572

■ 65.6755, 46.7521,
82.1496

■ 52.6210, 26.0974,
60.9832

■ 70.6942, 55.5963,
87.5009

■ 52.0640, 25.5896,
58.9282

■ 76.6586, 66.2972,
93.2747

83.6187, 78.9543,
99.4885

91.6208, 93.6601,
106.1586

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.



47.6485, 34.1882, 121.8149



58.2520, 34.1882, 72.6360



61.3471, 34.1882, 31.6830

Triad

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



58.2520, 34.1882, 72.6360



30.4972, 34.1882, 2.5690



17.0236, 34.1882, 89.6112

Complementary

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



58.2520, 34.1882, 72.6360



43.8766, 75.2766, 31.6218

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.



14.4950, 34.1882, 43.3786



58.2520, 34.1882, 72.6360



20.9520, 34.1882, 5.0953

Square

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



58.2520, 34.1882, 72.6360



43.2319, 34.1882, 3.6957



15.7320, 34.1882, 15.7293



23.7013, 34.1882, 135.1519

Rectangle

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



58.2520, 34.1882, 72.6360



58.2174, 34.1882, 15.6484



15.7320, 34.1882, 15.7293



15.7465, 34.1882, 72.8611

Sweetspot

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



58.2527, 34.1896, 72.6366



79.9545, 72.2721, 96.2748



30.2779, 19.2061, 96.7191



16.6970, 14.7130, 20.2305



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.



58.2527, 34.1896, 72.6366



55.0835, 29.2711, 67.2031



49.8685, 30.8360, 28.4861



18.6258, 18.2336, 21.9126



27.2598, 13.3932, 31.0820



2.6922, 1.3193, 3.2266

Inverse Universe

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



58.2527, 34.1896, 72.6366



55.0835, 29.2711, 67.2031



51.3275, 78.2569, 70.8576



18.6258, 18.2336, 21.9126



27.2598, 13.3932, 31.0820



2.6922, 1.3193, 3.2266

Previews

White Background



This preview shows how the XYZ color 58.2520, 34.1882, 72.6360 looks on a white background.

Color Contrast Check

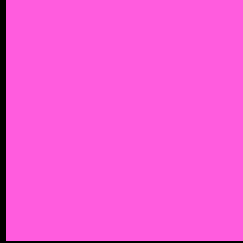
Large Text (above 18pt) WCAG AA × Fail

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 58.2520, 34.1882, 72.6360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

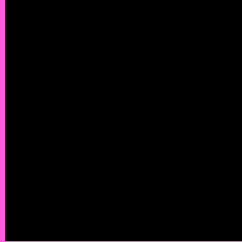
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2520, 34.1882, 72.6360

Background



This preview shows how black text looks on a background with the XYZ color 58.2520, 34.1882, 72.6360.



This preview shows how white text looks on a background with the XYZ color 58.2520, 34.1882,

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

58.2520, 34.1882, 72.6360

Protanopia

37.3791, 34.5846, 99.3132

Deuteranopia

35.2737, 34.4597, 67.0796



Tritanopia

47.9654, 33.9017, 24.0943

Trichromacy



Original Color

58.2520, 34.1882, 72.6360



Protanomaly

40.5774, 31.2984, 88.6966



Deuteranomaly

40.5494, 31.9233, 68.9904



Tritanomaly

51.0571, 33.6857, 37.9934

Monochromacy



Original Color

58.2520, 34.1882, 72.6360



Achromatopsia

31.5995, 33.2452, 36.2040



Achromatomaly

38.3640, 31.2768, 47.1950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2520, 34.1882, 72.6360 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, 92, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 92, 222)  
}
```

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, 92, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 92, 222) }
```

Border

The CSS property to change the border of an element to XYZ 58.2520, 34.1882, 72.6360 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, 92, 222) }
```


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

```
.border{ border-color:rgb(255, 92, 222) }
```

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

Here you see how a box with a 4 pixel rgb(255, 92, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 92, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 92, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 92,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2520, 34.1882, 72.6360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 92, 222) }
```

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

```
.background{ background-color: rgb(255, 92,  
222) }
```

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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