

Converting Colors

XYZ(58.6874, 32.0527, 91.0505)

Have a look what the booklet for
XYZ(58.6874, 32.0527, 91.0505)
contains.

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Color

**XYZ(58.7289, 32.0715,
91.0908)**

Conversions

Conversions Part 1

Format	Color
Hex	FA4BF7
RGB	250, 75, 247
RGB Percent	98%, 29%, 97%
CMY	0.0196, 0.7059, 0.0314
CMYK	0.00, 0.70, 0.01, 0.02
HSL	301°, 95%, 64%
HSV	301°, 70%, 98%
XYZ	58.7289, 32.0715, 91.0908
YIQ	146.9330, 49.0880, 90.5920

Conversions

Conversions Part 2

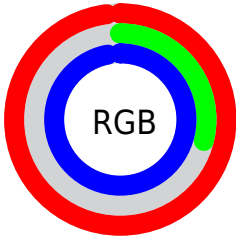
Format	Color
R _{YB}	250, 75, 247
Decimal	16403447
CIE _{Lab}	63.40, 83.62, -51.55
CIE _{LCh}	63, 98.232, 328.345
Yxy	32.0715, 0.3229, 0.1763
Android (android.graphics.Color)	4294593527 (0xFFFA4BF7)
YUV	146.9330, 49.3330, 90.3898
Hunter-Lab	56.6317, 86.0048, -55.7244

Details

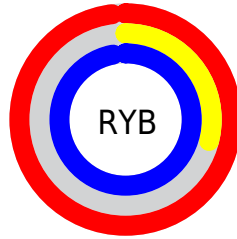
The XYZ color **58.7289, 32.0715, 91.0908** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **38.4639, 70.4186, 18.7743**, and the grayscale version is **27.4959, 28.9278, 31.5024**.

A 20% lighter version of the original color is **68.3785, 46.6570, 100.0095**, and **30.2805, 14.5365, 49.9251** is the 20% darker color. If you saturate the color by 10%, you get **57.2883, 29.2952, 90.2848**, and if you desaturate by 10%, it is **60.8377, 36.1822, 92.1208**.

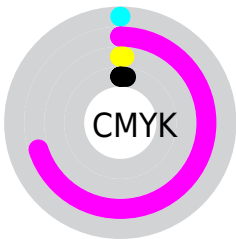
Distribution



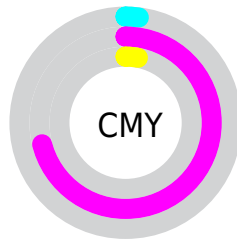
- Red (98%)
- Green (29%)
- Blue (97%)



- Red (98%)
- Yellow (29%)
- Blue (97%)



- Cyan (0%)
- Magenta (70%)
- Yellow (1%)
- Black (2%)





- Cyan (2%)
- Magenta (71%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.7289, 32.0715, 91.0908 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 58.7289, 32.0715, 91.0908 by changing the saturation by 10% instead.


 58.7289, 32.0715,
91.0908


 58.7289, 32.0715,
91.0908

409.8067,
311.4448, 552.2342


 42.6405, 21.4161,
68.3069


 102.1004, 62.9232,
150.8014

 29.7964, 13.4285,
49.6792


 130.1142, 83.8882,
188.5651

 19.8314, 7.7243,
34.7892


 162.8338,
109.0586, 232.1592

 12.3801, 3.9190,
23.2183

 200.6246,
138.8188, 282.0023

 7.0771, 1.6284,
14.5479

243.8520,
173.5531, 338.5127

 3.5571, 0.3766,
8.3597

292.8812,

 1.4548, 0.0000,

213.6460, 402.1092

4.2349

348.0777,
259.4817, 473.2102

■ 0.2948, 0.0000,
1.7551

■ 0.0000, 0.0000,
0.3981

■ 58.7289, 32.0715,
91.0908

■ 58.7289, 32.0715,
91.0908

■ 57.2883, 29.2952,
90.2848

■ 60.8377, 36.1822,
92.1208

■ 56.4292, 27.6825,
89.6731

■ 63.6808, 41.7622,
93.3961

■ 56.0157, 26.9607,
89.2107

■ 67.3204, 48.9349,
94.9376

■ 56.0156, 26.9606,
89.2106

■ 71.8111, 57.8095,
96.7635

77.2026, 68.4855,
98.8905

83.5410, 81.0550,
101.3339

90.8690, 95.6035,
104.1079

92.5078, 98.7734,
104.9862

92.5753, 98.8004,
105.3416

Harmonies

Analogous

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



44.7202, 32.0715, 151.6541



58.7289, 32.0715, 91.0908



64.9668, 32.0715, 37.1366

Triad

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



58.7289, 32.0715, 91.0908



31.2473, 32.0715, 0.7776



12.7264, 32.0715, 84.1499

Complementary

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



58.7289, 32.0715, 91.0908



38.4639, 70.4186, 18.7743

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.



11.0537, 32.0715, 32.7942



58.7289, 32.0715, 91.0908



19.6422, 32.0715, 1.7472

Square

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



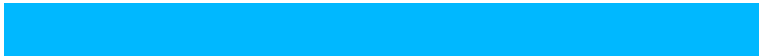
58.7289, 32.0715, 91.0908



46.4368, 32.0715, 2.0588



13.1545, 32.0715, 8.4614



18.6789, 32.0715, 145.9487

Rectangle

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



58.7289, 32.0715, 91.0908



62.8003, 32.0715, 16.2020



13.1545, 32.0715, 8.4614



11.7403, 32.0715, 64.3254

Sweetspot

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



58.7301, 32.0730, 91.0914



80.1342, 70.4044, 103.2004



22.9079, 13.5520, 91.8522



16.8035, 14.3791, 21.9525



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.



58.7301, 32.0730, 91.0914



59.4902, 29.8177, 94.1569



48.2507, 27.8812, 35.9077



17.9795, 17.5191, 21.7475



29.7179, 14.3029, 47.3506



2.7564, 1.3263, 4.4066

Inverse Universe

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



58.7301, 32.0730, 91.0914



59.4902, 29.8177, 94.1569



43.9183, 72.6004, 47.4973



17.9795, 17.5191, 21.7475



29.7179, 14.3029, 47.3506



2.7564, 1.3263, 4.4066

Previews

White Background



This preview shows how the XYZ color 58.7289, 32.0715, 91.0908 looks on a white background.

Color Contrast Check

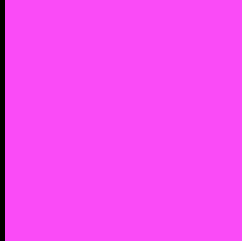
Large Text (above 18pt) WCAG AA × Fail

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 58.7289, 32.0715, 91.0908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

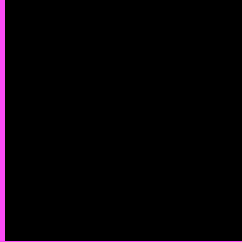
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7289, 32.0715, 91.0908

Background



This preview shows how black text looks on a background with the XYZ color 58.7289, 32.0715, 91.0908.



This preview shows how white text looks on a background with the XYZ color 58.7289, 32.0715,

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

58.7289, 32.0715, 91.0908

Protanopia

35.4233, 32.6044, 99.0340

Deuteranopia

33.1967, 32.2913, 83.0805



Tritanopia

44.4756, 31.7789, 22.8586

Trichromacy



Original Color

58.7289, 32.0715, 91.0908



Protanomaly

39.1509, 28.6678, 95.5654



Deuteranomaly

38.0179, 28.6858, 85.1945



Tritanomaly

48.0907, 30.8727, 40.9605

Monochromacy



Original Color

58.7289, 32.0715, 91.0908



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

35.1518, 27.2840, 48.2134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7289, 32.0715, 91.0908 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(250, 75, 247)` looks like.

```
.text, #text, p{  
    color:rgb(250, 75, 247)  
}
```

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(250, 75, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 75, 247) }
```

Border

The CSS property to change the border of an element to XYZ 58.7289, 32.0715, 91.0908 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(250, 75, 247) }
```


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

```
.border{ border-color:rgb(250, 75, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 75, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 75, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 75, 247);  
box-shadow:4px 4px 4px 4px rgb(250, 75,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7289, 32.0715, 91.0908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 75, 247) }
```

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

```
.background{ background-color: rgb(250, 75,  
247) }
```

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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