

Converting Colors

XYZ(65.8411, 43.8833, 92.0696)

Have a look what the booklet for
XYZ(65.8411, 43.8833, 92.0696)
contains.

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Color

**XYZ(65.8572, 43.8791,
92.1872)**

Conversions

Conversions Part 1

Format	Color
Hex	FF82F6
RGB	255, 130, 246
RGB Percent	100%, 51%, 96%
CMY	0.0000, 0.4902, 0.0353
CMYK	0.00, 0.49, 0.04, 0.00
HSL	304°, 100%, 75%
HSV	304°, 49%, 100%
XYZ	65.8572, 43.8791, 92.1872
YIQ	180.5990, 37.2640, 62.5760

Conversions

Conversions Part 2

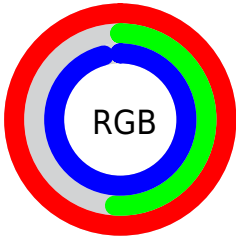
Format	Color
RYB	255, 130, 246
Decimal	16745206
CIELab	72.15, 62.50, -37.23
CIElCh	72, 72.744, 329.220
Yxy	43.8791, 0.3261, 0.2173
Android (android.graphics.Color)	4294935286 (0xFFFF82F6)
YUV	180.5990, 32.2427, 65.2497
Hunter-Lab	66.2413, 61.5427, -36.1442

Details

The XYZ color **65.8572, 43.8791, 92.1872** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **49.6275, 78.1306, 36.8933**, and the grayscale version is **43.5236, 45.7902, 49.8655**.

A 20% lighter version of the original color is **77.0603, 64.0206, 102.9034**, and **34.3990, 20.3074, 50.2508** is the 20% darker color. If you saturate the color by 10%, you get **62.5956, 37.8045, 89.7170**, and if you desaturate by 10%, it is **69.9637, 51.6388, 94.9539**.

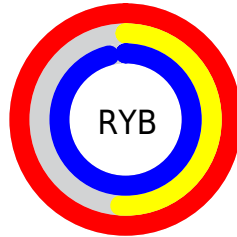
Distribution



Red (100%)

Green (51%)

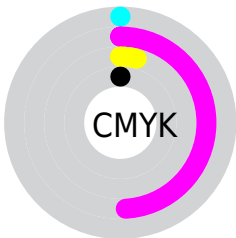
Blue (96%)



Red (100%)

Yellow (51%)

Blue (96%)

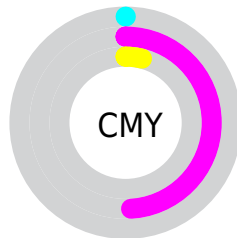


Cyan (0%)

Magenta (49%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (49%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.8572, 43.8791, 92.1872 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 65.8572, 43.8791, 92.1872 by changing the saturation by 10% instead.


 65.8572, 43.8791,
92.1872


 65.8572, 43.8791,
92.1872


435.3627,
362.2147, 555.8730


 48.4238, 30.5755,
69.2122


 112.3402, 81.0358,
152.3348

 34.3752, 20.2758,
50.4117

 142.1205,
105.6576, 190.3444

 23.3463, 12.5957,
35.3672

 176.7471,
134.8210, 234.2028

 14.9715, 7.1507,
23.6600

216.5855,
168.9103, 284.3283

 8.8856, 3.5565,
14.8718

262.0008,
208.3099, 341.1395

 4.7231, 1.4287,
8.5838

313.3586,

 2.1188, 0.2378,

253.4043, 405.0550

4.3777

371.0241,
304.5777, 476.4933

■ 0.6994, 0.0000,
1.8347

■ 0.0000, 0.0000,
0.4507

■ 65.8572, 43.8791,
92.1872

■ 65.8572, 43.8791,
92.1872

■ 62.5956, 37.8045,
89.7170

■ 69.9637, 51.6388,
94.9539

■ 60.1129, 33.2835,
87.5196

■ 74.9692, 61.1919,
98.0335

■ 58.3378, 30.1732,
85.5717

■ 80.9263, 72.6439,
101.4441

■ 57.1847, 28.3025,
83.8448

■ 87.8830, 86.0906,
105.2017

■ 56.5271, 27.4184,
82.2966

95.0500, 100.0000,
108.9000

■ 56.4736, 27.3534,
82.1489

Harmonies

Analogous

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



54.5266, 43.8791, 136.1477



65.8572, 43.8791, 92.1872



70.5366, 43.8791, 48.7172

Triad

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



65.8572, 43.8791, 92.1872



42.0328, 43.8791, 6.7720



24.0979, 43.8791, 89.7019

Complementary

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



65.8572, 43.8791, 92.1872



49.6275, 78.1306, 36.8933

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.



22.0460, 43.8791, 46.8487



65.8572, 43.8791, 92.1872



31.0708, 43.8791, 9.4311

Square

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



65.8572, 43.8791, 92.1872



55.2050, 43.8791, 9.7514



24.3249, 43.8791, 20.5660



30.6088, 43.8791, 134.2784

Rectangle

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



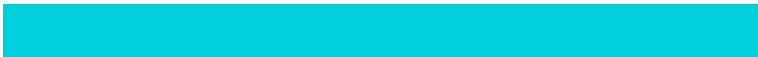
65.8572, 43.8791, 92.1872



68.6613, 43.8791, 28.5643



24.3249, 43.8791, 20.5660



22.9290, 43.8791, 74.1065

Sweetspot

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



65.8581, 43.8808, 92.1881



83.5982, 77.8008, 102.9110



36.5709, 28.6192, 98.2043



17.5890, 16.0647, 21.8609



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.



65.8581, 43.8808, 92.1881



62.6005, 37.8136, 89.7210



57.8931, 40.6948, 50.2446



18.7329, 18.2765, 22.4765



29.5326, 14.3023, 43.0505



2.8917, 1.3991, 4.2771

Inverse Universe

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



65.8581, 43.8808, 92.1881



62.6005, 37.8136, 89.7210



55.4902, 80.4757, 67.7660



18.7329, 18.2765, 22.4765



29.5326, 14.3023, 43.0505



2.8917, 1.3991, 4.2771

Previews

White Background



This preview shows how the XYZ color 65.8572, 43.8791, 92.1872 looks on a white background.

Color Contrast Check

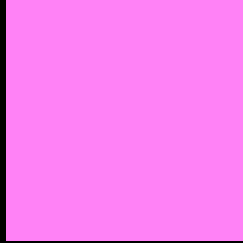
Large Text (above 18pt) WCAG AA × Fail

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 65.8572, 43.8791, 92.1872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

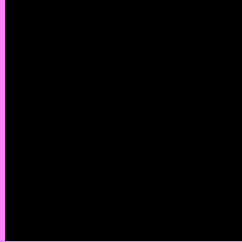
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.8572, 43.8791, 92.1872

Background



This preview shows how black text looks on a background with the XYZ color 65.8572, 43.8791, 92.1872.



This preview shows how white text looks on a background with the XYZ color 65.8572, 43.8791,

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

65.8572, 43.8791, 92.1872

Protanopia

45.9576, 44.3640, 100.7486

Deuteranopia

45.2598, 44.3066, 87.0555



Tritanopia

54.9956, 43.7984, 39.2736

Trichromacy



Original Color

65.8572, 43.8791, 92.1872



Protanomaly

50.7079, 42.5159, 97.6293



Deuteranomaly

50.7810, 42.7492, 88.7941



Tritanomaly

58.4038, 43.5904, 55.2047

Monochromacy



Original Color

65.8572, 43.8791, 92.1872



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

49.9522, 43.6583, 63.5517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8572, 43.8791, 92.1872 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, 130, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 246)  
}
```

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, 130, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 246) }
```

Border

The CSS property to change the border of an element to XYZ 65.8572, 43.8791, 92.1872 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, 130, 246) }
```


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

```
.border{ border-color:rgb(255, 130, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 130, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8572, 43.8791, 92.1872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 246) }
```

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

```
.background{ background-color: rgb(255,  
130, 246) }
```

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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