

Converting Colors

XYZ(65.2744, 42.2548, 95.1080)

Have a look what the booklet for
XYZ(65.2744, 42.2548, 95.1080)
contains.

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Color

**XYZ(65.2113, 42.1389,
95.1391)**

Conversions

Conversions Part 1

Format	Color
Hex	FE7BFA
RGB	254, 123, 250
RGB Percent	100%, 48%, 98%
CMY	0.0039, 0.5176, 0.0196
CMYK	0.00, 0.52, 0.02, 0.00
HSL	302°, 98%, 74%
HSV	302°, 52%, 100%
XYZ	65.2113, 42.1389, 95.1391
YIQ	176.6470, 37.3090, 67.2690

Conversions

Conversions Part 2

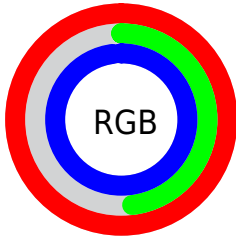
Format	Color
RYB	254, 123, 250
Decimal	16677882
CIELab	70.97, 66.14, -41.26
CIElCh	71, 77.952, 328.041
Yxy	42.1389, 0.3220, 0.2081
Android (android.graphics.Color)	4294867962 (0xFFFE7BFA)
YUV	176.6470, 36.1630, 67.8386
Hunter-Lab	64.9145, 65.7158, -41.4557

Details

The XYZ color **65.2113, 42.1389, 95.1391** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **47.4428, 76.6284, 32.3714**, and the grayscale version is **41.4094, 43.5660, 47.4433**.

A 20% lighter version of the original color is **75.6113, 61.1225, 102.4204**, and **34.0216, 19.2330, 52.3713** is the 20% darker color. If you saturate the color by 10%, you get **62.3385, 36.5866, 93.5829**, and if you desaturate by 10%, it is **68.9047, 49.3297, 96.9720**.

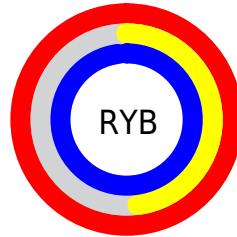
Distribution



Red (100%)

Green (48%)

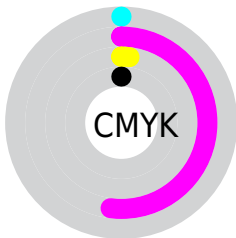
Blue (98%)



Red (100%)

Yellow (48%)

Blue (98%)

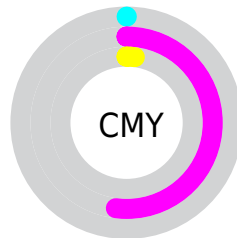


Cyan (0%)

Magenta (52%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2113, 42.1389, 95.1391 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 65.2113, 42.1389, 95.1391 by changing the saturation by 10% instead.

 65.2113, 42.1389,
95.1391


 65.2113, 42.1389,
95.1391


433.0841,
355.0584, 565.6059

 47.8978, 29.2101,
71.6532

 111.4176, 78.4098,
156.4540

 33.9569, 19.2398,
52.3903


 141.0411,
102.5207, 195.1201

 23.0232, 11.8437,
36.9319


 175.4986,
131.1277, 239.6834

 14.7314, 6.6373,
24.8594

215.1555,
164.6152, 290.5623

 8.7162, 3.2363,
15.7543

260.3772,
203.3676, 348.1755

 4.6122, 1.2563,
9.1980

311.5289,

 2.0539, 0.1070,

247.7694, 412.9415

4.7720

368.9761,
298.2048, 485.2788

■ 0.6640, 0.0000,
2.0577

■ 0.0000, 0.0000,
0.5904

■ 65.2113, 42.1389,
95.1391

■ 65.2113, 42.1389,
95.1391

■ 62.3385, 36.5866,
93.5829

■ 68.9047, 49.3297,
96.9720

■ 60.2174, 32.5378,
92.2794

■ 73.4721, 58.2685,
99.0984

■ 58.7750, 29.8457,
91.2046

■ 78.9674, 69.0623,
101.5365

■ 57.9220, 28.3316,
90.3287

■ 85.4388, 81.8078,
104.3025

■ 57.5456, 27.7399,
89.7066

■ 92.9315, 96.5948,
107.4114

■ 94.6281, 99.7889,
108.5907

■ 94.6836, 99.8111,
108.8829

Harmonies

Analogous

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



52.9837, 42.1389, 142.4556



65.2113, 42.1389, 95.1391



70.5733, 42.1389, 48.3722

Triad

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



65.2113, 42.1389, 95.1391



40.9121, 42.1389, 5.0876



21.7983, 42.1389, 88.4139

Complementary

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



65.2113, 42.1389, 95.1391



47.4428, 76.6284, 32.3714

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.



19.9101, 42.1389, 43.4789



65.2113, 42.1389, 95.1391



29.4164, 42.1389, 7.2708

Square

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



65.2113, 42.1389, 95.1391



54.7868, 42.1389, 8.0110



22.3727, 42.1389, 17.4716



28.2283, 42.1389, 137.3122

Rectangle

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



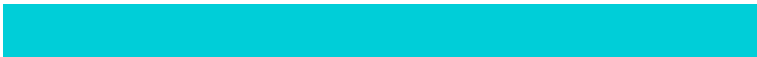
65.2113, 42.1389, 95.1391



68.8173, 42.1389, 27.0970



22.3727, 42.1389, 17.4716



20.6816, 42.1389, 71.8035

Sweetspot

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



65.2128, 42.1408, 95.1400



83.8509, 77.9019, 104.2419



33.4586, 25.6977, 96.9638



17.6506, 16.0893, 22.1853



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.



65.2128, 42.1408, 95.1400



62.7877, 36.7038, 94.3588



56.8544, 38.7975, 51.1254



18.7673, 18.2902, 22.6577



30.3490, 14.6289, 47.3498



2.9622, 1.4273, 4.6485

Inverse Universe

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



65.2128, 42.1408, 95.1400



62.7877, 36.7038, 94.3588



52.9811, 78.8438, 61.5359



18.7673, 18.2902, 22.6577



30.3490, 14.6289, 47.3498



2.9622, 1.4273, 4.6485

Previews

White Background



This preview shows how the XYZ color 65.2113, 42.1389, 95.1391 looks on a white background.

Color Contrast Check

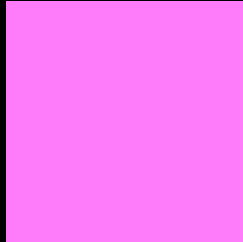
Large Text (above 18pt) WCAG AA × Fail

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 65.2113, 42.1389, 95.1391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

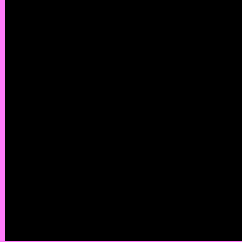
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.2113, 42.1389, 95.1391

Background



This preview shows how black text looks on a background with the XYZ color 65.2113, 42.1389, 95.1391.



This preview shows how white text looks on a background with the XYZ color 65.2113, 42.1389,

95.1391.

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

65.2113, 42.1389, 95.1391

Protanopia

44.2900, 42.3656, 100.4508

Deuteranopia

43.5786, 42.5313, 89.1316



Tritanopia

53.3268, 42.0468, 37.2035

Trichromacy



Original Color

65.2113, 42.1389, 95.1391



Protanomaly

49.2928, 40.5173, 98.1511



Deuteranomaly

48.8710, 40.4617, 90.8221



Tritanomaly

56.8502, 41.7127, 54.3452

Monochromacy



Original Color

65.2113, 42.1389, 95.1391



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

48.1329, 41.4527, 62.5910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2113, 42.1389, 95.1391 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(254, 123, 250)` looks like.

```
.text, #text, p{  
    color:rgb(254, 123, 250)  
}
```

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(254, 123, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 123, 250) }
```

Border

The CSS property to change the border of an element to XYZ 65.2113, 42.1389, 95.1391 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(254, 123, 250) }
```


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

```
.border{ border-color:rgb(254, 123, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 123, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 123, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 123, 250);  
box-shadow:4px 4px 4px 4px rgb(254, 123,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2113, 42.1389, 95.1391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 123, 250) }
```

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

```
.background{ background-color: rgb(254,  
123, 250) }
```

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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