

Converting Colors

XYZ(65.5146, 43.2164, 92.0038)

Have a look what the booklet for
XYZ(65.5146, 43.2164, 92.0038)
contains.

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Color

**XYZ(65.5937, 43.3522,
92.0994)**

Conversions

Conversions Part 1

Format	Color
Hex	FF80F6
RGB	255, 128, 246
RGB Percent	100%, 50%, 96%
CMY	0.0000, 0.4980, 0.0353
CMYK	0.00, 0.50, 0.04, 0.00
HSL	304°, 100%, 75%
HSV	304°, 50%, 100%
XYZ	65.5937, 43.3522, 92.0994
YIQ	179.4250, 37.8140, 63.6220

Conversions

Conversions Part 2

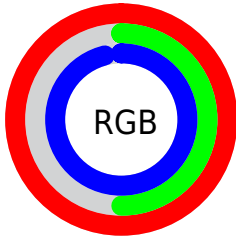
Format	Color
RYB	255, 128, 246
Decimal	16744694
CIELab	71.79, 63.43, -37.78
CIELCh	72, 73.830, 329.224
Yxy	43.3522, 0.3263, 0.2156
Android (android.graphics.Color)	4294934774 (0xFFFF80F6)
YUV	179.4250, 32.8215, 66.2793
Hunter-Lab	65.8424, 62.6016, -36.8443

Details

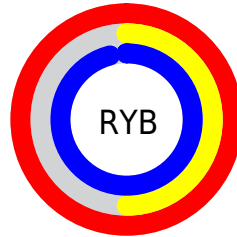
The XYZ color **65.5937, 43.3522, 92.0994** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **49.1789, 77.9160, 36.1164**, and the grayscale version is **42.8919, 45.1256, 49.1418**.

A 20% lighter version of the original color is **76.6390, 63.1779, 102.7630**, and **34.2676, 20.0446, 50.2070** is the 20% darker color. If you saturate the color by 10%, you get **62.3999, 37.4060, 89.6735**, and if you desaturate by 10%, it is **69.6278, 50.9740, 94.8198**.

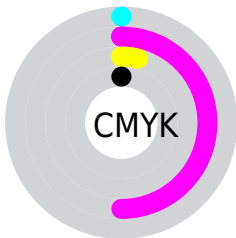
Distribution



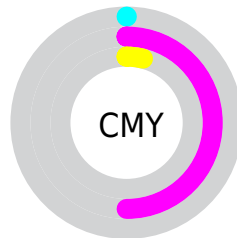
- Red (100%)
- Green (50%)
- Blue (96%)



- Red (100%)
- Yellow (50%)
- Blue (96%)



- Cyan (0%)
- Magenta (50%)
- Yellow (4%)
- Black (0%)





- Cyan (0%)
- Magenta (50%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.5937, 43.3522, 92.0994 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 65.5937, 43.3522, 92.0994 by changing the saturation by 10% instead.


 65.5937, 43.3522,
92.0994


 65.5937, 43.3522,
92.0994

434.4340,
360.0582, 555.5821


 48.2091, 30.1616,
69.1397

 111.9640, 80.2421,
152.2120

 34.2045, 19.9612,
50.3530


 141.6803,
104.7101, 190.2021

 23.2144, 12.3669,
35.3208

 176.2381,
133.7060, 234.0393

 14.8734, 6.9941,
23.6246

216.0025,
167.6143, 284.1422

 8.8163, 3.4584,
14.8458

261.3389,
206.8192, 340.9294

 4.6777, 1.3755,
8.5658

312.6127,

 2.0922, 0.1985,

251.7052, 404.8194

4.3661

370.1893,
302.6568, 476.2308

■ 0.6850, 0.0000,
1.8283

■ 0.0000, 0.0000,
0.4465

■ 65.5937, 43.3522,
92.0994

■ 65.5937, 43.3522,
92.0994

■ 62.3999, 37.4060,
89.6735

■ 69.6278, 50.9740,
94.8198

■ 59.9795, 33.0027,
87.5181

■ 74.5564, 60.3808,
97.8512

■ 58.2605, 29.9979,
85.6097

■ 80.4326, 71.6786,
101.2119

■ 57.1559, 28.2176,
83.9194

■ 87.3048, 84.9637,
104.9180

■ 56.5265, 27.3834,
82.4006

95.0500, 100.0000,
108.9000

■ 56.5158, 27.3703,
82.3711

Harmonies

Analogous

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



54.1371, 43.3522, 136.7821



65.5937, 43.3522, 92.0994



70.3307, 43.3522, 48.1444

Triad

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



65.5937, 43.3522, 92.0994



41.5323, 43.3522, 6.3463



23.5376, 43.3522, 89.5936

Complementary

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



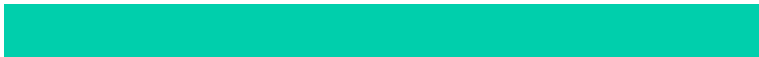
65.5937, 43.3522, 92.0994



49.1789, 77.9160, 36.1164

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.



21.4882, 43.3522, 46.2743



65.5937, 43.3522, 92.0994



30.5161, 43.3522, 8.9424

Square

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



65.5937, 43.3522, 92.0994



54.8183, 43.3522, 9.2544



23.7631, 43.3522, 19.9478



30.0555, 43.3522, 134.8903

Rectangle

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



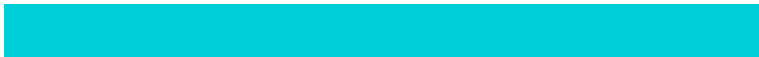
65.5937, 43.3522, 92.0994



68.4305, 43.3522, 27.9174



23.7631, 43.3522, 19.9478



22.3699, 43.3522, 73.7940

Sweetspot

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



65.5947, 43.3539, 92.1003



83.6051, 77.8036, 102.9473



36.0003, 27.9340, 98.1021



17.5907, 16.0653, 21.8697



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.



65.5947, 43.3539, 92.1003



62.3445, 37.3040, 89.6281



57.5111, 40.1205, 49.5328



18.7338, 18.2768, 22.4815



29.5543, 14.3110, 43.1649



2.8936, 1.3998, 4.2870

Inverse Universe

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



65.5947, 43.3539, 92.1003



62.3445, 37.3040, 89.6281



55.0848, 80.2784, 67.2169



18.7338, 18.2768, 22.4815



29.5543, 14.3110, 43.1649



2.8936, 1.3998, 4.2870

Previews

White Background



This preview shows how the XYZ color 65.5937, 43.3522, 92.0994 looks on a white background.

Color Contrast Check

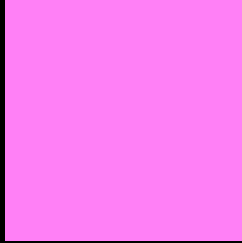
Large Text (above 18pt) WCAG AA × Fail

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 65.5937, 43.3522, 92.0994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

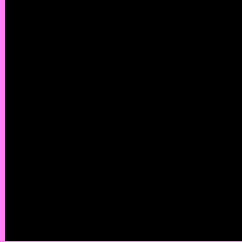
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.5937, 43.3522, 92.0994

Background



This preview shows how black text looks on a background with the XYZ color 65.5937, 43.3522, 92.0994.

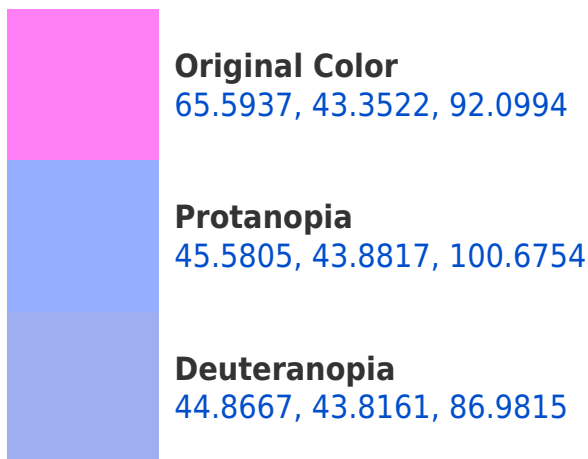


This preview shows how white text looks on a background with the XYZ color 65.5937, 43.3522,

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

54.5041, 43.0955, 38.2465

Trichromacy



Original Color

65.5937, 43.3522, 92.0994



Protanomaly

50.3667, 41.8336, 97.5155



Deuteranomaly

50.1823, 41.9341, 88.6683



Tritanomaly

57.9958, 42.9511, 54.5239

Monochromacy



Original Color

65.5937, 43.3522, 92.0994



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

49.0824, 42.7188, 62.1585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5937, 43.3522, 92.0994 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, 128, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 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, 128, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 246) }
```

Border

The CSS property to change the border of an element to XYZ 65.5937, 43.3522, 92.0994 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, 128, 246) }
```


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

```
.border{ border-color:rgb(255, 128, 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, 128, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5937, 43.3522, 92.0994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 128, 246) }
```

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

```
.background{ background-color: rgb(255,  
128, 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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