

Converting Colors

XYZ(66.3319, 43.1171, 97.6216)

Have a look what the booklet for
XYZ(66.3319, 43.1171, 97.6216)
contains.

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Color

**XYZ(66.3032, 43.0191,
97.7375)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7DFD
RGB	255, 125, 253
RGB Percent	100%, 49%, 99%
CMY	0.0000, 0.5098, 0.0078
CMYK	0.00, 0.51, 0.01, 0.00
HSL	301°, 100%, 75%
HSV	301°, 51%, 100%
XYZ	66.3032, 43.0191, 97.7375
YIQ	178.4620, 36.3920, 67.3680

Conversions

Conversions Part 2

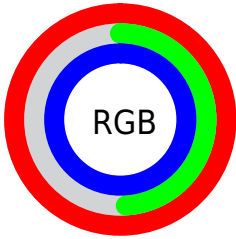
Format	Color
R _Y B	255, 125, 253
Decimal	16743933
CIE Lab	71.57, 65.99, -41.95
CIE LCh	72, 78.197, 327.557
Yxy	43.0191, 0.3202, 0.2078
Android (android.graphics.Color)	4294934013 (0xFFFF7DFD)
YUV	178.4620, 36.7472, 67.1238
Hunter-Lab	65.5889, 65.6632, -42.4388

Details

The XYZ color **66.3032, 43.0191, 97.7375** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **48.0495, 77.4129, 32.4903**, and the grayscale version is **42.3608, 44.5668, 48.5333**.

A 20% lighter version of the original color is **76.0179, 61.9359, 102.5560**, and **34.7959, 19.8555, 54.2231** is the 20% darker color. If you saturate the color by 10%, you get **63.4173, 37.3469, 96.4681**, and if you desaturate by 10%, it is **70.0196, 50.3516, 99.2854**.

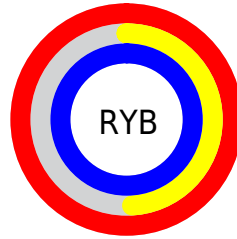
Distribution



Red (100%)

Green (49%)

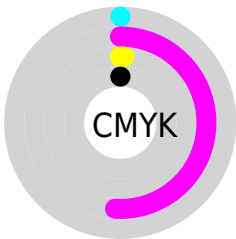
Blue (99%)



Red (100%)

Yellow (49%)

Blue (99%)

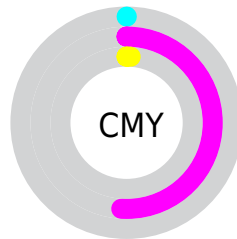


Cyan (0%)

Magenta (51%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.3032, 43.0191, 97.7375 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 66.3032, 43.0191, 97.7375 by changing the saturation by 10% instead.


 66.3032, 43.0191,
97.7375


 66.3032, 43.0191,
97.7375


436.9320,
358.6903, 574.0988

 48.7872, 29.9001,
73.8061

 112.9767, 79.7397,
160.0692

 34.6645, 19.7628,
54.1395


 142.8649,
104.1101, 199.3065

 23.5699, 12.2227,
38.3193


 177.6079,
132.9997, 244.4828

 15.1379, 6.8955,
25.9268

217.5711,
166.7929, 296.0167

 9.0031, 3.3969,
16.5436

263.1197,
205.8742, 354.3267

 4.8004, 1.3423,
9.7511

314.6191,

 2.1642, 0.1736,

250.6280, 419.8314

5.1308

372.4348,
301.4385, 492.9492

■ 0.7237, 0.0000,
2.2641

■ 0.0000, 0.0000,
0.7110

■ 66.3032, 43.0191,
97.7375

■ 66.3032, 43.0191,
97.7375

■ 63.4173, 37.3469,
96.4681

■ 70.0196, 50.3516,
99.2854

■ 61.2942, 33.2004,
95.4531

■ 74.6216, 59.4552,
101.1286

■ 59.8606, 30.4327,
94.6686

■ 80.1627, 70.4369,
103.2855

■ 59.0273, 28.8654,
94.0848

■ 86.6916, 83.3940,
105.7723

■ 58.6649, 28.2300,
93.6884

94.2535, 98.4169,
108.6040

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.



53.8080, 43.0191, 145.5266



66.3032, 43.0191, 97.7375



71.8961, 43.0191, 50.0118

Triad

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



66.3032, 43.0191, 97.7375



41.9812, 43.0191, 5.2628



22.2432, 43.0191, 89.2234

Complementary

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



66.3032, 43.0191, 97.7375



48.0495, 77.4129, 32.4903

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.



20.3913, 43.0191, 43.8062



66.3032, 43.0191, 97.7375



30.2224, 43.0191, 7.4096

Square

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



66.3032, 43.0191, 97.7375



56.0927, 43.0191, 8.3545



22.9729, 43.0191, 17.6402



28.7144, 43.0191, 139.0207

Rectangle

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



66.3032, 43.0191, 97.7375



70.2184, 43.0191, 28.1373



22.9729, 43.0191, 17.6402



21.1300, 43.0191, 72.4039

Sweetspot

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



66.3042, 43.0208, 97.7384



83.9439, 77.9391, 104.7314



33.8428, 26.2493, 97.8907



17.6733, 16.0984, 22.3048



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.



66.3042, 43.0208, 97.7384



63.4118, 37.3361, 96.4656



57.8691, 39.6467, 53.3196



18.7799, 18.2953, 22.7242



30.6592, 14.7530, 48.9833



2.9889, 1.4379, 4.7889

Inverse Universe

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



66.3042, 43.0208, 97.7384



63.4118, 37.3361, 96.4656



53.5130, 79.5983, 61.2606



18.7799, 18.2953, 22.7242



30.6592, 14.7530, 48.9833



2.9889, 1.4379, 4.7889

Previews

White Background



This preview shows how the XYZ color 66.3032, 43.0191, 97.7375 looks on a white background.

Color Contrast Check

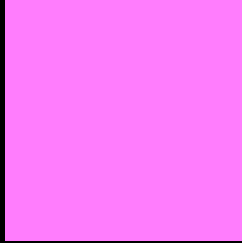
Large Text (above 18pt) WCAG AA × Fail

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 66.3032, 43.0191, 97.7375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

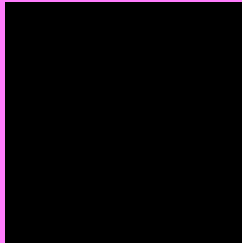
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.3032, 43.0191, 97.7375

Background



This preview shows how black text looks on a background with the XYZ color 66.3032, 43.0191, 97.7375.



This preview shows how white text looks on a background with the XYZ color 66.3032, 43.0191,

97.7375.

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

66.3032, 43.0191, 97.7375

Protanopia

45.0262, 43.3102, 100.5943

Deuteranopia

44.4141, 43.4792, 91.6394



Tritanopia

54.1561, 42.9161, 38.2302

Trichromacy



Original Color

66.3032, 43.0191, 97.7375



Protanomaly

50.0276, 41.3718, 99.1147



Deuteranomaly

49.6632, 41.3112, 93.3520



Tritanomaly

57.7151, 42.5629, 55.6256

Monochromacy



Original Color

66.3032, 43.0191, 97.7375



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

48.8712, 42.3259, 63.3515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3032, 43.0191, 97.7375 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, 125, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 253)  
}
```

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, 125, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 253) }
```

Border

The CSS property to change the border of an element to XYZ 66.3032, 43.0191, 97.7375 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, 125, 253) }
```


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

```
.border{ border-color:rgb(255, 125, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 125, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 125, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 125, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 125,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3032, 43.0191, 97.7375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 125, 253) }
```

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

```
.background{ background-color: rgb(255,  
125, 253) }
```

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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