

Converting Colors

XYZ(63.6916, 40.5967, 92.2883)

Have a look what the booklet for
XYZ(63.6916, 40.5967, 92.2883)
contains.

XYZ(63.7749, 40.5549, 92.4623)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.7749, 40.5549,
92.4623)**

Conversions

Conversions Part 1

Format	Color
Hex	FD76F7
RGB	253, 118, 247
RGB Percent	99%, 46%, 97%
CMY	0.0078, 0.5372, 0.0314
CMYK	0.00, 0.53, 0.02, 0.01
HSL	303°, 97%, 73%
HSV	303°, 53%, 99%
XYZ	63.7749, 40.5549, 92.4623
YIQ	173.0710, 39.0510, 68.7390

Conversions

Conversions Part 2

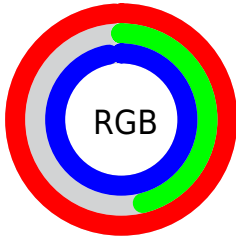
Format	Color
R _Y B	253, 118, 247
Decimal	16611063
CIE Lab	69.86, 67.63, -41.35
CIE LCh	70, 79.273, 328.556
Yxy	40.5549, 0.3241, 0.2061
Android (android.graphics.Color)	4294801143 (0xFFFD76F7)
YUV	173.0710, 36.4470, 70.0977
Hunter-Lab	63.6827, 67.3136, -41.5065

Details

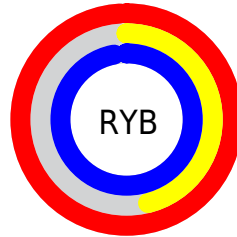
The XYZ color **63.7749, 40.5549, 92.4623** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **46.2363, 75.5588, 31.2186**, and the grayscale version is **39.5643, 41.6248, 45.3294**.

A 20% lighter version of the original color is **74.6200, 59.1399, 102.0900**, and **33.1064, 18.3150, 50.5054** is the 20% darker color. If you saturate the color by 10%, you get **61.0127, 35.3064, 90.6882**, and if you desaturate by 10%, it is **67.3398, 47.4051, 94.5098**.

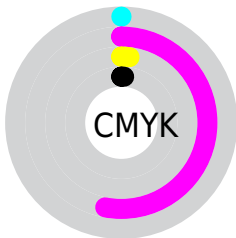
Distribution



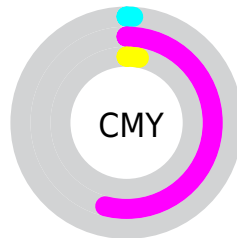
- Red (99%)
- Green (46%)
- Blue (97%)



- Red (99%)
- Yellow (46%)
- Blue (97%)



- Cyan (0%)
- Magenta (53%)
- Yellow (2%)
- Black (1%)




- Cyan (1%)
- Magenta (54%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.7749, 40.5549, 92.4623 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 63.7749, 40.5549, 92.4623 by changing the saturation by 10% instead.


 63.7749, 40.5549,
92.4623

 63.7749, 40.5549,
92.4623


427.9914,
348.4569, 556.7839


 46.7294, 27.9715,
69.4395

 109.3622, 76.0078,
152.7192

 33.0288, 18.3041,
50.5957


 138.6348, 99.6460,
190.7904

 22.3079, 11.1686,
35.5125


 172.7137,
127.7379, 234.7148

 14.2012, 6.1803,
23.7712

211.9643,
160.6679, 284.9110

 8.3433, 2.9550,
14.9534

256.7521,
198.8204, 341.7974

 4.3691, 1.1083,
8.6404

307.4423,

 1.9130, 0.0000,

242.5798, 405.7927

4.4138

364.4003,
292.3305, 477.3154

■ 0.5844, 0.0000,
1.8550

■ 0.0000, 0.0000,
0.4639

■ 63.7749, 40.5549,
92.4623

■ 63.7749, 40.5549,
92.4623

■ 61.0127, 35.3064,
90.6882

■ 67.3398, 47.4051,
94.5098

■ 58.9834, 31.5231,
89.1632


■ 71.7613, 55.9679,
96.8477


■ 57.6128, 29.0554,
87.8630


■ 77.0937, 66.3507,
99.4944


■ 56.8085, 27.7188,
86.7566


■ 83.3855, 78.6506,
102.4661

 56.4988, 27.2790,
86.0994

 90.6817, 92.9578,
105.7778

 94.1176, 99.5425,
107.8079

 94.2981, 99.6147,
108.7581

 94.3185, 99.6229,
108.8658

Harmonies

Analogous

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



51.6400, 40.5549, 140.3653



63.7749, 40.5549, 92.4623



68.9880, 40.5549, 45.9691

Triad

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



63.7749, 40.5549, 92.4623



39.1737, 40.5549, 4.4308



20.6267, 40.5549, 87.4870

Complementary

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



63.7749, 40.5549, 92.4623



46.2363, 75.5588, 31.2186

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.



18.7085, 40.5549, 42.3939



63.7749, 40.5549, 92.4623



27.8770, 40.5549, 6.5612

Square

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



63.7749, 40.5549, 92.4623



52.9649, 40.5549, 7.0756



21.0408, 40.5549, 16.5268



27.0151, 40.5549, 136.5364

Rectangle

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



63.7749, 40.5549, 92.4623



67.1185, 40.5549, 25.2113



21.0408, 40.5549, 16.5268



19.5101, 40.5549, 70.7973

Sweetspot

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



63.7763, 40.5567, 92.4631



83.0966, 76.5582, 103.4818



32.3070, 24.2250, 95.9028



17.4980, 15.8231, 22.0141



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.



63.7763, 40.5567, 92.4631



61.9537, 35.6412, 92.2143



55.3286, 37.1777, 47.9781



18.7557, 18.2856, 22.5968



30.0699, 14.5173, 45.8800



2.9382, 1.4176, 4.5218

Inverse Universe

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



63.7763, 40.5567, 92.4631



61.9537, 35.6412, 92.2143



51.8925, 77.8213, 61.0033



18.7557, 18.2856, 22.5968



30.0699, 14.5173, 45.8800



2.9382, 1.4176, 4.5218

Previews

White Background



This preview shows how the XYZ color 63.7749, 40.5549, 92.4623 looks on a white background.

Color Contrast Check

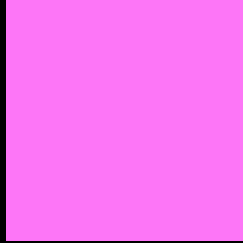
Large Text (above 18pt) WCAG AA × Fail

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 63.7749, 40.5549, 92.4623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

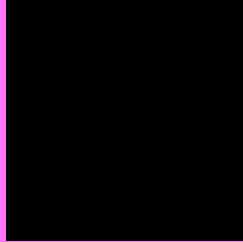
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.7749, 40.5549, 92.4623

Background



This preview shows how black text looks on a background with the XYZ color 63.7749, 40.5549, 92.4623.



This preview shows how white text looks on a background with the XYZ color 63.7749, 40.5549,

92.4623.

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

63.7749, 40.5549, 92.4623

Protanopia

42.8678, 40.8007, 100.2237

Deuteranopia

41.8333, 40.8449, 86.5679



Tritanopia

51.9584, 40.4902, 34.7827

Trichromacy



Original Color

63.7749, 40.5549, 92.4623



Protanomaly

47.5331, 38.6647, 97.0532



Deuteranomaly

47.0332, 38.6027, 88.1912



Tritanomaly

55.3632, 39.9557, 51.8080

Monochromacy



Original Color

63.7749, 40.5549, 92.4623



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

46.1737, 39.5092, 59.8360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7749, 40.5549, 92.4623 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(253, 118, 247)` looks like.

```
.text, #text, p{  
    color:rgb(253, 118, 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(253, 118, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 118, 247) }
```

Border

The CSS property to change the border of an element to XYZ 63.7749, 40.5549, 92.4623 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(253, 118, 247) }
```


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

```
.border{ border-color:rgb(253, 118, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 118, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 118, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 118, 247);  
box-shadow:4px 4px 4px 4px rgb(253, 118,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7749, 40.5549, 92.4623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 118, 247) }
```

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

```
.background{ background-color: rgb(253,  
118, 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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