

Converting Colors

XYZ(63.3968, 39.2316, 91.9550)

Have a look what the booklet for
XYZ(63.3968, 39.2316, 91.9550)
contains.

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Color

**XYZ(63.3460, 39.1551,
92.2147)**

Conversions

Conversions Part 1

Format	Color
Hex	FE6FF7
RGB	254, 111, 247
RGB Percent	100%, 44%, 97%
CMY	0.0039, 0.5647, 0.0314
CMYK	0.00, 0.56, 0.03, 0.00
HSL	303°, 99%, 72%
HSV	303°, 56%, 100%
XYZ	63.3460, 39.1551, 92.2147
YIQ	169.2610, 41.5720, 72.6120

Conversions

Conversions Part 2

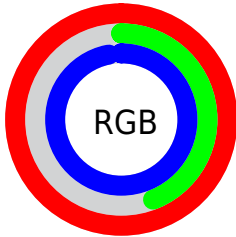
Format	Color
R _Y B	254, 111, 247
Decimal	16674807
CIE _{Lab}	68.86, 70.96, -42.91
CIE _{LCh}	69, 82.921, 328.838
Yxy	39.1551, 0.3253, 0.2011
Android (android.graphics.Color)	4294864887 (0xFFFE6FF7)
YUV	169.2610, 38.3253, 74.3161
Hunter-Lab	62.5740, 71.1976, -43.5732

Details

The XYZ color **63.3460, 39.1551, 92.2147** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **45.2691, 75.5727, 29.3429**, and the grayscale version is **37.6446, 39.6050, 43.1299**.

A 20% lighter version of the original color is **73.4780, 56.8559, 101.7093**, and **32.6830, 17.4682, 50.3643** is the 20% darker color. If you saturate the color by 10%, you get **60.7674, 34.3029, 90.4118**, and if you desaturate by 10%, it is **66.7164, 45.5867, 94.2885**.

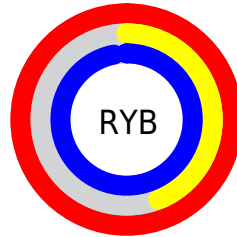
Distribution



Red (100%)

Green (44%)

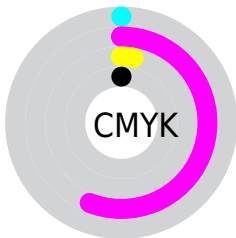
Blue (97%)



Red (100%)

Yellow (44%)

Blue (97%)

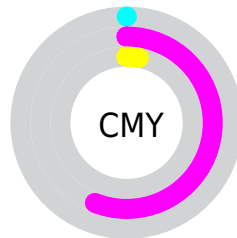


Cyan (0%)

Magenta (56%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.3460, 39.1551, 92.2147 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 63.3460, 39.1551, 92.2147 by changing the saturation by 10% instead.


 63.3460, 39.1551,
92.2147


 63.3460, 39.1551,
92.2147


426.4638,
342.5495, 555.9641


 46.3809, 26.8804,
69.2349


 108.7475, 73.8752,
152.3732

 32.7524, 17.4834,
50.4301


 137.9147, 97.0894,
190.3890

 22.0951, 10.5798,
35.3817


 171.8798,
124.7189, 234.2540

 14.0438, 5.7850,
23.6712

211.0084,
157.1480, 284.3865

 8.2331, 2.7148,
14.8799

255.6658,
194.7613, 341.2053

 4.2975, 0.9847,
8.5895

306.2172,

 1.8718, 0.0000,

237.9430, 405.1288

4.3813

363.0281,
287.0776, 476.5755

■ 0.5604, 0.0000,
1.8367

■ 0.0000, 0.0000,
0.4520

■ 63.3460, 39.1551,
92.2147

■ 63.3460, 39.1551,
92.2147

■ 60.7674, 34.3029,
90.4118

■ 66.7164, 45.5867,
94.2885

■ 58.9075, 30.8874,
88.8545

■ 70.9351, 53.7139,
96.6511

■ 57.6874, 28.7492,
87.5166

■ 76.0582, 63.6478,
99.3215

■ 57.0067, 27.6877,
86.3649

■ 82.1359, 75.4890,
102.3164

■ 56.8355, 27.4559,
85.9669

■ 89.2148, 89.3303,
105.6514

94.5971, 99.7765,
108.4273

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.



50.8069, 39.1551, 142.8658



63.3460, 39.1551, 92.2147



68.6881, 39.1551, 44.1197

Triad

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



63.3460, 39.1551, 92.2147



37.7312, 39.1551, 3.4705



19.1563, 39.1551, 88.0230

Complementary

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



63.3460, 39.1551, 92.2147



45.2691, 75.5727, 29.3429

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.



17.2134, 39.1551, 41.1806



63.3460, 39.1551, 92.2147



26.2942, 39.1551, 5.4437

Square

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



63.3460, 39.1551, 92.2147



51.9085, 39.1551, 5.8249



19.4878, 39.1551, 15.0501



25.5955, 39.1551, 139.6003

Rectangle

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



63.3460, 39.1551, 92.2147



66.6760, 39.1551, 23.2500



19.4878, 39.1551, 15.0501



18.0338, 39.1551, 70.5826

Sweetspot

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



63.3474, 39.1569, 92.2155



82.4062, 75.2562, 103.0090



30.7471, 22.2237, 96.4363



17.3606, 15.5661, 21.9134



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.



63.3474, 39.1569, 92.2155



60.9403, 33.9197, 90.9354



54.5683, 35.6453, 45.9856



18.7520, 18.2841, 22.5771



29.9806, 14.4815, 45.4096



2.9305, 1.4146, 4.4812

Inverse Universe

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



63.3474, 39.1569, 92.2155



60.9403, 33.9197, 90.9354



50.9973, 77.8640, 59.5071



18.7520, 18.2841, 22.5771



29.9806, 14.4815, 45.4096



2.9305, 1.4146, 4.4812

Previews

White Background



This preview shows how the XYZ color 63.3460, 39.1551, 92.2147 looks on a white background.

Color Contrast Check

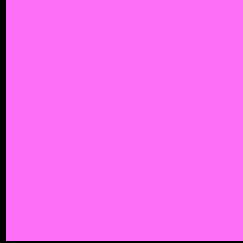
Large Text (above 18pt) WCAG AA × Fail

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 63.3460, 39.1551, 92.2147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

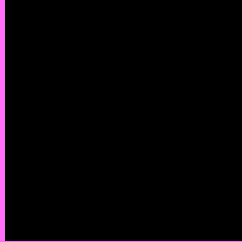
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.3460, 39.1551, 92.2147

Background



This preview shows how black text looks on a background with the XYZ color 63.3460, 39.1551, 92.2147.



This preview shows how white text looks on a background with the XYZ color 63.3460, 39.1551,

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

63.3460, 39.1551, 92.2147

Protanopia

41.6779, 39.6433, 100.0630

Deuteranopia

40.3965, 39.2851, 86.3426



Tritanopia

50.8301, 38.8752, 32.4284

Trichromacy



Original Color

63.3460, 39.1551, 92.2147



Protanomaly

46.2097, 37.0510, 96.8115



Deuteranomaly

45.6845, 36.9759, 87.9483



Tritanomaly

54.2725, 38.4501, 49.3609

Monochromacy



Original Color

63.3460, 39.1551, 92.2147



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

44.4874, 37.4904, 57.7150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3460, 39.1551, 92.2147 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, 111, 247)` looks like.

```
.text, #text, p{  
    color:rgb(254, 111, 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(254, 111, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 111, 247) }
```

Border

The CSS property to change the border of an element to XYZ 63.3460, 39.1551, 92.2147 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, 111, 247) }
```


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

```
.border{ border-color:rgb(254, 111, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 111, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 111, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 111, 247);  
box-shadow:4px 4px 4px 4px rgb(254, 111,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3460, 39.1551, 92.2147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 111, 247) }
```

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

```
.background{ background-color: rgb(254,  
111, 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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