

Converting Colors

XYZ(62.3063, 35.6545, 98.2058)

Have a look what the booklet for
XYZ(62.3063, 35.6545, 98.2058)
contains.

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Color

**XYZ(62.3852, 35.7569,
98.2215)**

Conversions

Conversions Part 1

Format	Color
Hex	FD5CFF
RGB	253, 92, 255
RGB Percent	99%, 36%, 100%
CMY	0.0078, 0.6392, 0.0000
CMYK	0.01, 0.64, 0.00, 0.00
HSL	299°, 100%, 68%
HSV	299°, 64%, 100%
XYZ	62.3852, 35.7569, 98.2215
YIQ	158.7210, 43.6330, 84.8250

Conversions

Conversions Part 2

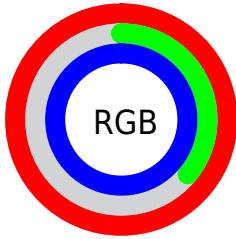
Format	Color
R _Y B	253, 92, 255
Decimal	16604415
CIE Lab	66.33, 79.64, -51.29
CIE LCh	66, 94.729, 327.217
Yxy	35.7569, 0.3177, 0.1821
Android (android.graphics.Color)	4294794495 (0xFFFD5CFF)
YUV	158.7210, 47.4655, 82.6827
Hunter-Lab	59.7971, 81.5809, -55.5306

Details

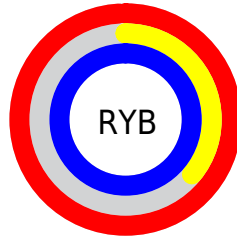
The XYZ color **62.3852, 35.7569, 98.2215** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **42.3087, 74.6728, 22.3102**, and the grayscale version is **32.6054, 34.3035, 37.3565**.

A 20% lighter version of the original color is **70.5182, 50.9365, 100.7227**, and **32.2722, 15.5883, 54.7340** is the 20% darker color. If you saturate the color by 10%, you get **60.4229, 32.0003, 97.5998**, and if you desaturate by 10%, it is **65.0931, 41.0027, 99.0913**.

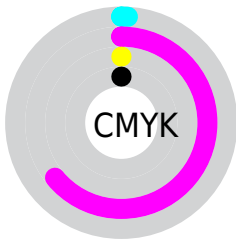
Distribution



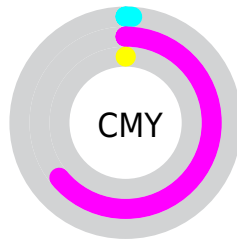
- Red (99%)
- Green (36%)
- Blue (100%)



- Red (99%)
- Yellow (36%)
- Blue (100%)



- Cyan (1%)
- Magenta (64%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (64%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3852, 35.7569, 98.2215 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 62.3852, 35.7569, 98.2215 by changing the saturation by 10% instead.


 62.3852, 35.7569,
98.2215


 62.3852, 35.7569,
98.2215


423.0300,
327.8968, 575.6733

 45.6008, 24.2465,
74.2075


 107.3689, 68.6567,
160.7415


 32.1342, 15.5166,
54.4661


 136.2988, 90.8149,
200.0845

 21.6201, 9.1827,
38.5787


 170.0080,
117.2911, 245.3743

 13.6930, 4.8606,
26.1268

 208.8618,
148.4697, 297.0293

 7.9878, 2.1657,
16.6919

253.2256,
184.7353, 355.4682

 4.1389, 0.7012,
9.8555

303.4646,

 1.7810, 0.0000,

226.4720, 421.1095

5.1989

359.9443,
274.0644, 494.3717

■ 0.5062, 0.0000,
2.3036

■ 0.0000, 0.0000,
0.7333

■ 62.3852, 35.7569,
98.2215

■ 62.3852, 35.7569,
98.2215

■ 60.4229, 32.0003,
97.5998

■ 65.0931, 41.0027,
99.0913

■ 59.1246, 29.5722,
97.1995

■ 68.6102, 47.8675,
100.2309

■ 58.3962, 28.2836,
96.9892

■ 72.9974, 56.4722,
101.6606

■ 58.1493, 27.8919,
96.9266

■ 78.3088, 66.9251,
103.3983

84.5941, 79.3255,
105.4605

91.8994, 93.7657,
107.8627

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.



48.0144, 35.7569, 157.5149



62.3852, 35.7569, 98.2215



69.0604, 35.7569, 42.8417

Triad

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



62.3852, 35.7569, 98.2215



35.3245, 35.7569, 1.4437



15.0742, 35.7569, 86.5676

Complementary

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



62.3852, 35.7569, 98.2215



42.3087, 74.6728, 22.3102

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.



13.4060, 35.7569, 35.2699



62.3852, 35.7569, 98.2215



22.9964, 35.7569, 2.6165

Square

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



62.3852, 35.7569, 98.2215



50.9542, 35.7569, 3.2932



15.8559, 35.7569, 10.1428



21.2771, 35.7569, 148.0999

Rectangle

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



62.3852, 35.7569, 98.2215



67.1730, 35.7569, 20.1198



15.8559, 35.7569, 10.1428



14.0548, 35.7569, 66.8601

Sweetspot

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



62.3864, 35.7585, 98.2217



81.2758, 72.7754, 104.3711



26.5316, 17.6303, 96.6124



17.0209, 14.8364, 22.2166



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.



62.3864, 35.7585, 98.2217



59.9560, 31.1184, 97.4542



52.9260, 32.0588, 44.5870



18.7694, 18.2884, 22.7907



30.3943, 14.5793, 50.6467



2.9662, 1.4231, 4.9316

Inverse Universe

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



47.0883, 29.7237, 13.8463



43.6299, 24.6896, 6.8890



47.5047, 76.7278, 50.7278



18.0184, 17.9907, 18.7143



21.5616, 11.1139, 1.0761



2.1024, 1.0833, 0.1207

Previews

White Background



This preview shows how the XYZ color 62.3852, 35.7569, 98.2215 looks on a white background.

Color Contrast Check

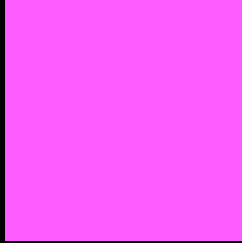
Large Text (above 18pt) WCAG AA × Fail

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 62.3852, 35.7569, 98.2215 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 62.3852, 35.7569, 98.2215

Background



This preview shows how black text looks on a background with the XYZ color 62.3852, 35.7569, 98.2215.



This preview shows how white text looks on a background with the XYZ color 62.3852, 35.7569,

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

62.3852, 35.7569, 98.2215

Protanopia

38.6165, 36.2272, 99.5650

Deuteranopia

37.2424, 36.2323, 90.6186



Tritanopia

47.7013, 35.3356, 27.9732

Trichromacy



Original Color

62.3852, 35.7569, 98.2215



Protanomaly

43.2915, 33.0940, 98.7138



Deuteranomaly

42.3250, 32.9317, 92.9326

Tritanomaly

51.5638, 34.5630, 47.1336

Monochromacy



Original Color

62.3852, 35.7569, 98.2215



Achromatopsia

32.9542, 34.6704, 37.7561



Achromatomaly

40.3939, 32.5604, 55.1947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3852, 35.7569, 98.2215 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, 92, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 92, 255)  
}
```

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, 92, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 92, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.3852, 35.7569, 98.2215 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, 92, 255) }
```


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

```
.border{ border-color:rgb(253, 92, 255) }
```

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

Here you see how a box with a 4 pixel rgb(253, 92, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 92, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 92, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 92,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3852, 35.7569, 98.2215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 92, 255) }
```

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

```
.background{ background-color: rgb(253, 92,  
255) }
```

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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