

Converting Colors

XYZ(63.2030, 44.4813,
125.0531)

Have a look what the booklet for
XYZ(63.2030, 44.4813, 125.0531)
contains.

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Color

**XYZ(58.3039, 42.5529,
99.7483)**

Conversions

Conversions Part 1

Format	Color
Hex	DF8FFF
RGB	223, 143, 255
RGB Percent	87%, 56%, 100%
CMY	0.1255, 0.4392, 0.0000
CMYK	0.13, 0.44, 0.00, 0.00
HSL	283°, 100%, 78%
HSV	283°, 44%, 100%
XYZ	58.3039, 42.5529, 99.7483
YIQ	179.6880, 11.7280, 51.7920

Conversions

Conversions Part 2

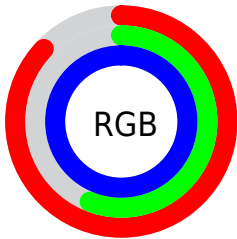
Format	Color
R _Y B	223, 143, 255
Decimal	14651391
CIE _{Lab}	71.25, 48.76, -43.81
CIE _{LCh}	71, 65.550, 318.059
Y _{xy}	42.5529, 0.2906, 0.2121
Android (android.graphics.Color)	4292841471 (0xFFDF8FFF)
Y _{UV}	179.6880, 37.1288, 37.9846
Hunter-Lab	65.2326, 45.3836, -44.9986

Details

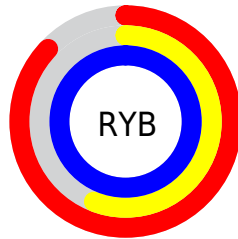
The XYZ color **58.3039, 42.5529, 99.7483** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **58.3980, 82.6175, 38.8573**, and the grayscale version is **43.0197, 45.2600, 49.2882**.

A 20% lighter version of the original color is **79.4841, 68.8682, 103.7114**, and **29.5751, 19.4965, 55.6305** is the 20% darker color. If you saturate the color by 10%, you get **52.7056, 34.6163, 98.5115**, and if you desaturate by 10%, it is **64.8715, 52.2826, 101.2802**.

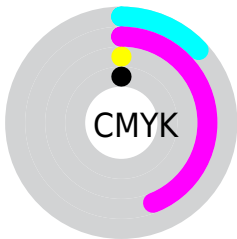
Distribution



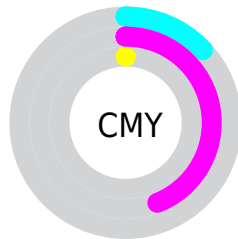
- Red (87%)
- Green (56%)
- Blue (100%)



- Red (87%)
- Yellow (56%)
- Blue (100%)



- Cyan (13%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)





- Cyan (13%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3039, 42.5529, 99.7483 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 58.3039, 42.5529, 99.7483 by changing the saturation by 10% instead.


 58.3039, 42.5529,
99.7483


 58.3039, 42.5529,
99.7483


408.2530,
356.7698, 580.6252

 42.2972, 29.5345,
75.4746

 101.4857, 79.0357,
162.8601

 29.5262, 19.4855,
55.4977


 129.3915,
103.2689, 202.5353

 19.6255, 12.0216,
39.3991


161.9945,
132.0092, 248.1815

 12.2298, 6.7584,
26.7601

199.6598,
165.6408, 300.2171

 6.9737, 3.3115,
17.1623

242.7530,
204.5484, 359.0608

 3.4918, 1.2964,
10.1871

291.6394,

 1.4189, 0.1384,

249.1161, 425.1310

5.4160

346.6843,
299.7285, 498.8463

■ 0.2696, 0.0000,
2.4304

■ 0.0000, 0.0000,
0.8029

■ 58.3039, 42.5529,
99.7483

■ 58.3039, 42.5529,
99.7483

■ 52.7056, 34.6163,
98.5115

■ 64.8715, 52.2826,
101.2802

■ 48.0114, 28.3476,
97.5489

■ 72.4596, 63.9090,
103.1244

■ 44.1545, 23.6134,
96.8384

■ 81.1203, 77.5338,
105.2978

■ 41.0554, 20.2571,
96.3539

■ 90.9009, 93.2499,
107.8158

■ 38.6177, 18.0873, 95.0500, 100.0000,
96.0636 108.9000

■ 37.3757, 17.1828,
95.9544

Harmonies

Analogous

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



47.3619, 42.5529, 131.0670



58.3039, 42.5529, 99.7483



64.8651, 42.5529, 60.0283

Triad

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



58.3039, 42.5529, 99.7483



44.9806, 42.5529, 8.7480



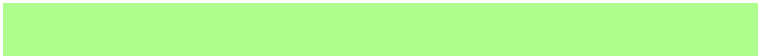
23.4864, 42.5529, 67.7592

Complementary

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



58.3039, 42.5529, 99.7483



58.3980, 82.6175, 38.8573

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.



23.0821, 42.5529, 34.8971



58.3039, 42.5529, 99.7483



34.2371, 42.5529, 9.3103

Square

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



58.3039, 42.5529, 99.7483



56.2907, 42.5529, 14.3052



26.6656, 42.5529, 16.4966



27.8930, 42.5529, 107.5654

Rectangle

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



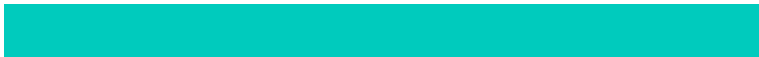
58.3039, 42.5529, 99.7483



65.2065, 42.5529, 38.3498



26.6656, 42.5529, 16.4966



22.9114, 42.5529, 55.3534

Sweetspot

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



58.3053, 42.5546, 99.7486



81.9724, 78.8906, 105.5147



45.0223, 44.3478, 100.7948



17.1112, 16.1953, 22.4741



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.



58.3053, 42.5546, 99.7486



53.1818, 35.2748, 98.6135



65.7142, 46.7667, 82.3556



18.2573, 18.0244, 22.7667



19.6840, 9.0580, 50.1455



2.0243, 0.9375, 4.8875

Inverse Universe

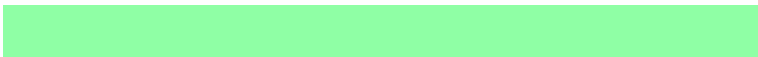
The Inverse Universe completely reimagines the original color for something new.



58.8012, 44.0015, 45.9525



54.1499, 37.1415, 36.8721



53.9168, 80.0914, 48.4077



18.2227, 18.0724, 19.7900



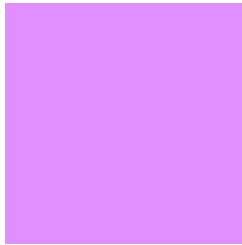
22.2298, 11.3812, 4.5946



2.2091, 1.1260, 0.6824

Previews

White Background



This preview shows how the XYZ color 58.3039, 42.5529, 99.7483 looks on a white background.

Color Contrast Check

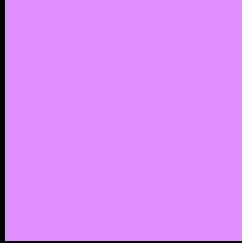
Large Text (above 18pt) WCAG AA × Fail

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 58.3039, 42.5529, 99.7483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

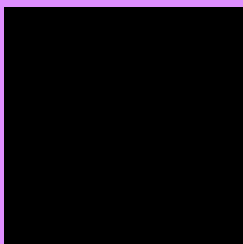
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3039, 42.5529, 99.7483

Background



This preview shows how black text looks on a background with the XYZ color 58.3039, 42.5529, 99.7483.



This preview shows how white text looks on a background with the XYZ color 58.3039, 42.5529,

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

58.3039, 42.5529, 99.7483

Protanopia

44.6566, 42.8360, 100.5223

Deuteranopia

44.0751, 42.9297, 95.5858



Tritanopia

47.2488, 42.3946, 45.7371

Trichromacy



Original Color

58.3039, 42.5529, 99.7483



Protanomaly

48.2504, 41.7084, 100.1152



Deuteranomaly

48.0121, 41.9197, 96.8276

Tritanomaly

50.3594, 41.8701, 61.9274

Monochromacy



Original Color

58.3039, 42.5529, 99.7483



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

47.8462, 43.8782, 64.9791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3039, 42.5529, 99.7483 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(223, 143, 255)` looks like.

```
.text, #text, p{  
    color:rgb(223, 143, 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(223, 143, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 143, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.3039, 42.5529, 99.7483 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(223, 143, 255) }
```


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

```
.border{ border-color:rgb(223, 143, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 143, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 143, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 143, 255);  
box-shadow:4px 4px 4px 4px rgb(223, 143,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3039, 42.5529, 99.7483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 143, 255) }
```

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

```
.background{ background-color: rgb(223,  
143, 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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