

Converting Colors

XYZ(56.6282, 75.9367, 29.4419)

Have a look what the booklet for
XYZ(56.6282, 75.9367, 29.4419)
contains.

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Color

**XYZ(56.6282, 75.9367,
29.4419)**

Conversions

Conversions Part 1

Format	Color
Hex	BFF278
RGB	191, 242, 120
RGB Percent	75%, 95%, 47%
CMY	0.2510, 0.0510, 0.5294
CMYK	0.21, 0.00, 0.50, 0.05
HSL	85°, 82%, 71%
HSV	85°, 50%, 95%
XYZ	56.6282, 75.9367, 29.4419
YIQ	212.8430, 8.7660, -48.7540

Conversions

Conversions Part 2

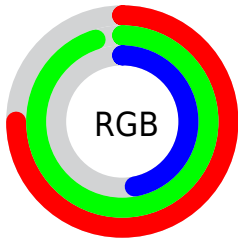
Format	Color
RYB	120, 242, 171
Decimal	12579448
CIELab	89.83, -35.44, 53.14
CIELCh	90, 63.868, 123.699
Yxy	75.9367, 0.3495, 0.4687
Android (android.graphics.Color)	4290769528 (0xFFBFF278)
YUV	212.8430, -45.7716, -19.1563
Hunter-Lab	87.1417, -36.5014, 40.9673

Details

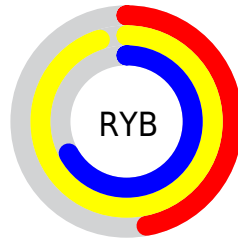
The XYZ color **56.6282, 75.9367, 29.4419** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **39.5411, 28.5038, 87.4264**, and the grayscale version is **63.4349, 66.7384, 72.6781**.

A 20% lighter version of the original color is **82.5648, 94.7549, 54.4953**, and **28.5637, 40.6740, 11.6556** is the 20% darker color. If you saturate the color by 10%, you get **52.8846, 74.1580, 22.5454**, and if you desaturate by 10%, it is **60.9224, 77.9612, 38.3044**.

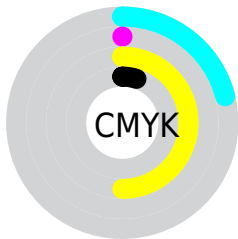
Distribution



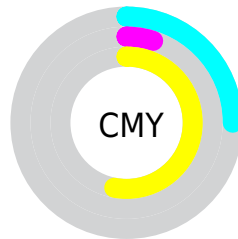
- Red (75%)
- Green (95%)
- Blue (47%)



- Red (47%)
- Yellow (95%)
- Blue (67%)



- Cyan (21%)
- Magenta (0%)
- Yellow (50%)
- Black (5%)





- Cyan (25%)
- Magenta (5%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6282, 75.9367, 29.4419 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 56.6282, 75.9367, 29.4419 by changing the saturation by 10% instead.


 56.6282, 75.9367,
29.4419

 56.6282, 75.9367,
29.4419


402.0914,
481.1310, 313.4202


 40.9458, 56.3806,
19.1669


 99.0570, 127.6374,
59.8290

 28.4642, 40.5082,
11.6129


 126.5340,
160.5508, 80.7782

 18.8181, 27.9350,
6.3614


 158.6734,
198.6855, 106.1225

 11.6422, 18.2766,
2.9937

195.8403,
242.4258, 136.2805

 6.5710, 11.1488,
1.0914

238.4002,
292.1561, 171.6707

 3.2392, 6.1670,
0.0000

286.7185,

 1.2815, 2.9469,

348.2608, 212.7117

0.0000

341.1604,
411.1243, 259.8221

0.1693, 1.1041,
0.0000

0.0000, 0.0000,
0.0000

56.6282, 75.9367,
29.4419

56.6282, 75.9367,
29.4419

52.8846, 74.1580,
22.5454

60.9224, 77.9612,
38.3044

49.6540, 72.6018,
17.4596


65.7908, 80.2334,
49.2627


46.9021, 71.2565,
14.0139


71.2617, 82.7677,
62.4412

44.5859, 70.1046,
12.0028

77.3598, 85.5744,
77.9533

 42.7095, 69.1554,
11.0973

 84.1084, 88.6631,
95.9045

 89.8419, 91.3679,
107.5083

 91.0437, 91.9875,
107.5646

Harmonies

Analogous

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



70.2374, 75.9367, 22.7804



56.6282, 75.9367, 29.4419



48.2665, 75.9367, 49.8700

Triad

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



56.6282, 75.9367, 29.4419



59.5590, 75.9367, 187.4951



106.8521, 75.9367, 77.2066

Complementary

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



56.6282, 75.9367, 29.4419



39.5411, 28.5038, 87.4264

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.



102.9071, 75.9367, 127.4272



56.6282, 75.9367, 29.4419



74.1490, 75.9367, 203.1113

Square

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



56.6282, 75.9367, 29.4419



49.7776, 75.9367, 140.8145



90.3361, 75.9367, 177.9925



100.4494, 75.9367, 43.2601

Rectangle

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



56.6282, 75.9367, 29.4419



46.0416, 75.9367, 73.5144



90.3361, 75.9367, 177.9925



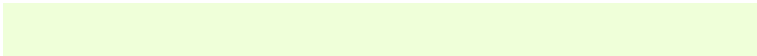
106.6963, 75.9367, 92.5821

Sweetspot

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



56.6300, 75.9400, 29.4435



83.8515, 94.8690, 79.3674



54.5424, 49.2988, 24.4113



17.6392, 20.1638, 16.2060



0.0000, 0.0000, 0.0000



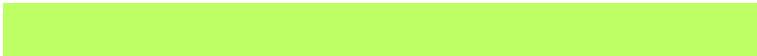
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.6300, 75.9400, 29.4435



59.6531, 83.5603, 25.5551



44.3762, 69.6229, 28.8701



16.4472, 18.1107, 16.7786



23.1020, 37.2311, 5.9687



2.0350, 3.1556, 0.5018

Inverse Universe

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



39.5411, 28.5038, 87.4264



38.5198, 24.8259, 97.3694



55.9710, 36.9737, 88.1953



15.5234, 15.5516, 19.9052



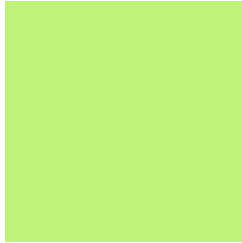
11.6509, 5.0116, 45.4811



1.0801, 0.4741, 3.7888

Previews

White Background



This preview shows how the XYZ color 56.6282, 75.9367, 29.4419 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 56.6282, 75.9367, 29.4419 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 56.6282, 75.9367, 29.4419

Background



This preview shows how black text looks on a background with the XYZ color 56.6282, 75.9367, 29.4419.

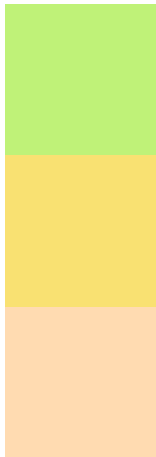


This preview shows how white text looks on a background with the XYZ color 56.6282, 75.9367,

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

56.6282, 75.9367, 29.4419

Protanopia

69.0294, 75.2051, 26.7974

Deuteranopia

74.5073, 75.0974, 52.1633



Tritanopia

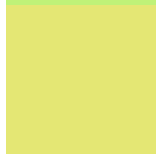
70.3904, 75.5505, 98.0615

Trichromacy



Original Color

56.6282, 75.9367, 29.4419



Protanomaly

63.7232, 74.9068, 27.6229



Deuteranomaly

66.7485, 74.4943, 42.3133



Tritanomaly

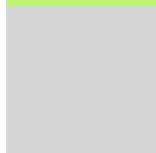
63.9214, 75.0045, 65.7519

Monochromacy



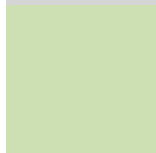
Original Color

56.6282, 75.9367, 29.4419



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

59.9692, 69.5451, 52.9107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6282, 75.9367, 29.4419 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(191, 242, 120)` looks like.

```
.text, #text, p{  
    color:rgb(191, 242, 120)  
}
```

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(191, 242, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 242, 120) }
```

Border

The CSS property to change the border of an element to XYZ 56.6282, 75.9367, 29.4419 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(191, 242, 120) }
```


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

```
.border{ border-color:rgb(191, 242, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 242, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 242, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 242, 120);  
box-shadow:4px 4px 4px 4px rgb(191, 242,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6282, 75.9367, 29.4419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 242, 120) }
```

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

```
.background{ background-color: rgb(191,  
242, 120) }
```

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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