

Converting Colors

XYZ(44.2837, 29.1402, 56.1792)

Have a look what the booklet for
XYZ(44.2837, 29.1402, 56.1792)
contains.

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Color

**XYZ(44.3430, 29.1944,
56.1213)**

Conversions

Conversions Part 1

Format	Color
Hex	DB69C5
RGB	219, 105, 197
RGB Percent	86%, 41%, 77%
CMY	0.1412, 0.5882, 0.2274
CMYK	0.00, 0.52, 0.10, 0.14
HSL	312°, 61%, 64%
HSV	312°, 52%, 86%
XYZ	44.3430, 29.1944, 56.1213
YIQ	149.5740, 38.4120, 52.7800

Conversions

Conversions Part 2

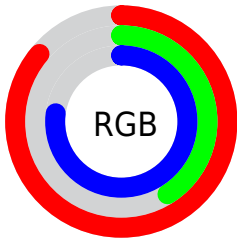
Format	Color
RYB	219, 105, 197
Decimal	14379461
CIELab	60.95, 56.10, -27.68
CIElCh	61, 62.556, 333.738
Yxy	29.1944, 0.3420, 0.2252
Android (android.graphics.Color)	4292569541 (0xFFDB69C5)
YUV	149.5740, 23.3810, 60.8866
Hunter-Lab	54.0318, 51.9361, -23.7605

Details

The XYZ color **44.3430, 29.1944, 56.1213** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **34.9893, 55.1996, 28.8912**, and the grayscale version is **28.7030, 30.1978, 32.8854**.

A 20% lighter version of the original color is **71.7002, 53.5574, 100.3245**, and **20.7542, 11.7569, 27.1620** is the 20% darker color. If you saturate the color by 10%, you get **41.9155, 25.1031, 52.9562**, and if you desaturate by 10%, it is **47.3603, 34.4424, 59.5505**.

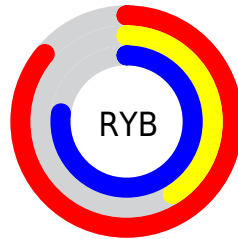
Distribution



Red (86%)

Green (41%)

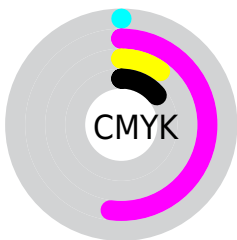
Blue (77%)



Red (86%)

Yellow (41%)

Blue (77%)

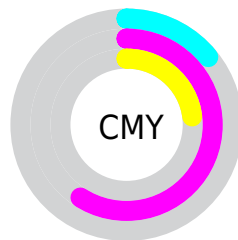


Cyan (0%)

Magenta (52%)

Yellow (10%)

Black (14%)



Cyan (14%)


Magenta (59%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.3430, 29.1944, 56.1213 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 44.3430, 29.1944, 56.1213 by changing the saturation by 10% instead.


 44.3430, 29.1944,
56.1213


 44.3430, 29.1944,
56.1213


354.9348,
298.1311, 427.5496


 31.1393, 19.2279,
39.8955


 80.9768, 58.3858,
100.6695


 20.8573, 11.8351,
27.1439


 105.1376, 78.3795,
129.8290

 13.1316, 6.6315,
17.4480


 133.6815,
102.4845, 164.1368

 7.5969, 3.2327,
10.3891

 166.9738,
131.0850, 204.0115

 3.8877, 1.2544,
5.5487

205.3800,
164.5655, 249.8715

 1.6388, 0.1055,
2.5084

249.2653,

 0.4175, 0.0000,

203.3105, 302.1356

0.8446

298.9951,
247.7042, 361.2221

■ 0.0000, 0.0000,
0.0000

■ 44.3430, 29.1944,
56.1213

■ 44.3430, 29.1944,
56.1213

■ 41.9155, 25.1031,
52.9562

■ 47.3603, 34.4424,
59.5505

■ 40.0297, 22.0742,
50.0380

■ 51.0048, 40.9234,
63.2560

■ 38.6347, 20.0056,
47.3492

■ 55.3142, 48.7123,
67.2512

■ 37.6683, 18.7729,
44.8687

■ 60.3224, 57.8765,
71.5479

■ 37.1231, 18.2240,
43.0178

■ 66.0609, 68.4789,
76.1572

■ 72.5594, 80.5786,
81.0894

■ 78.7818, 92.1034,
85.9997

■ 79.3711, 92.3392,
89.1029

■ 79.9748, 92.5807,
92.2820

Harmonies

Analogous

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



37.4132, 29.1944, 85.7536



44.3430, 29.1944, 56.1213



46.5478, 29.1944, 28.9453

Triad

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



44.3430, 29.1944, 56.1213



26.7373, 29.1944, 4.7195



16.6334, 29.1944, 63.8702

Complementary

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



44.3430, 29.1944, 56.1213



34.9893, 55.1996, 28.8912

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.



14.8455, 29.1944, 34.8104



44.3430, 29.1944, 56.1213



19.9102, 29.1944, 7.1416

Square

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



44.3430, 29.1944, 56.1213



35.2908, 29.1944, 6.1121



15.9162, 29.1944, 15.7549



21.3653, 29.1944, 91.5612

Rectangle

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



44.3430, 29.1944, 56.1213



44.7435, 29.1944, 16.9056



15.9162, 29.1944, 15.7549



15.7153, 29.1944, 53.5408

Sweetspot

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



44.3440, 29.1958, 56.1219



82.1452, 76.1776, 98.4718



26.4286, 19.6472, 69.4178



17.2689, 15.7315, 20.8077



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.



44.3440, 29.1958, 56.1219



59.0263, 35.1993, 74.5515



39.0813, 27.0907, 28.4092



13.5010, 13.2295, 15.8996



22.0510, 10.8214, 25.7124



1.4568, 0.7124, 1.8144

Inverse Universe

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



44.3440, 29.1958, 56.1219



59.0263, 35.1993, 74.5515



39.6952, 57.0819, 53.6723



13.5010, 13.2295, 15.8996



22.0510, 10.8214, 25.7124



1.4568, 0.7124, 1.8144

Previews

White Background



This preview shows how the XYZ color 44.3430, 29.1944, 56.1213 looks on a white background.

Color Contrast Check

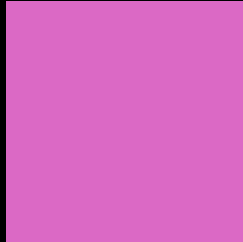
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.3430, 29.1944, 56.1213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

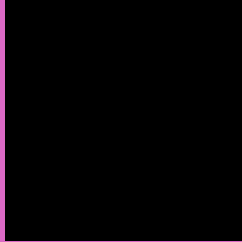
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 44.3430, 29.1944, 56.1213

Background



This preview shows how black text looks on a background with the XYZ color 44.3430, 29.1944, 56.1213.



This preview shows how white text looks on a background with the XYZ color 44.3430, 29.1944,

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

44.3430, 29.1944, 56.1213

Protanopia

31.6044, 29.6898, 78.1937

Deuteranopia

30.0671, 29.4575, 52.8163



Tritanopia

38.0180, 29.2835, 24.7676

Trichromacy



Original Color

44.3430, 29.1944, 56.1213



Protanomaly

33.8334, 27.8450, 69.2371



Deuteranomaly

33.7567, 28.1404, 54.1045



Tritanomaly

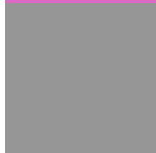
39.9878, 29.0416, 34.0699

Monochromacy



Original Color

44.3430, 29.1944, 56.1213



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

33.1793, 28.9542, 40.3992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3430, 29.1944, 56.1213 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(219, 105, 197)` looks like.

```
.text, #text, p{  
    color:rgb(219, 105, 197)  
}
```

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(219, 105, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 105, 197) }
```

Border

The CSS property to change the border of an element to XYZ 44.3430, 29.1944, 56.1213 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(219, 105, 197) }
```


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

```
.border{ border-color:rgb(219, 105, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 105, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 105, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 105, 197);  
box-shadow:4px 4px 4px 4px rgb(219, 105,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3430, 29.1944, 56.1213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 105, 197) }
```

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

```
.background{ background-color: rgb(219,  
105, 197) }
```

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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