

Converting Colors

XYZ(44.8013, 41.3614, 56.5435)

Have a look what the booklet for
XYZ(44.8013, 41.3614, 56.5435)
contains.

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Color

**XYZ(44.8271, 41.4269,
56.6725)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A3C2
RGB	193, 163, 194
RGB Percent	76%, 64%, 76%
CMY	0.2431, 0.3608, 0.2392
CMYK	0.01, 0.16, 0.00, 0.24
HSL	298°, 20%, 70%
HSV	298°, 16%, 76%
XYZ	44.8271, 41.4269, 56.6725
YIQ	175.5040, 7.9290, 16.0010

Conversions

Conversions Part 2

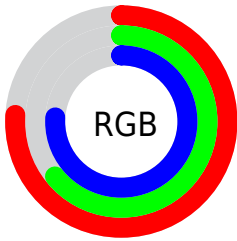
Format	Color
R _Y B	193, 163, 194
Decimal	12690370
CIE Lab	70.47, 16.47, -11.79
CIE LCh	70, 20.249, 324.404
Yxy	41.4269, 0.3136, 0.2898
Android (android.graphics.Color)	4290880450 (0xFFC1A3C2)
YUV	175.5040, 9.1185, 15.3440
Hunter-Lab	64.3637, 11.6825, -7.1504

Details

The XYZ color **44.8271, 41.4269, 56.6725** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.2140, 49.1215, 41.9617**, and the grayscale version is **40.9611, 43.0943, 46.9297**.

A 20% lighter version of the original color is **81.9083, 77.4318, 101.8956**, and **21.0655, 18.7513, 27.3200** is the 20% darker color. If you saturate the color by 10%, you get **41.4846, 34.9775, 55.6044**, and if you desaturate by 10%, it is **48.7012, 48.9370, 57.9185**.

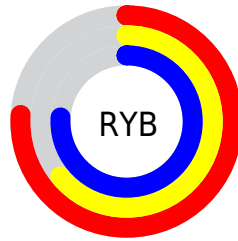
Distribution



Red (76%)

Green (64%)

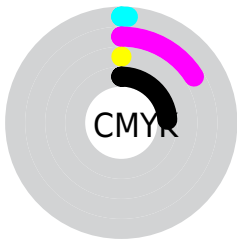
Blue (76%)



Red (76%)

Yellow (64%)

Blue (76%)

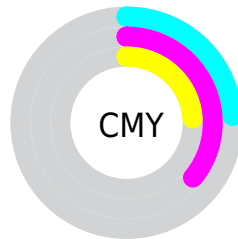


Cyan (1%)

Magenta (16%)

Yellow (0%)

Black (24%)



Cyan (24%)

Magenta (36%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.8271, 41.4269, 56.6725 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 44.8271, 41.4269, 56.6725 by changing the saturation by 10% instead.


 44.8271, 41.4269,
56.6725


 44.8271, 41.4269,
56.6725

356.8683,
352.1017, 429.6803

 31.5220, 28.6528,
40.3348


 81.6996, 77.3315,
101.4827

 21.1504, 18.8183,
27.4839

 105.9976,
101.2308, 130.7923

 13.3471, 11.5391,
17.7013


134.6906,
129.6073, 165.2629

 7.7466, 6.4307,
10.5685

168.1440,
162.8455, 205.3131

 3.9837, 3.1087,
5.6670

206.7231,
201.3295, 251.3614

 1.6929, 1.1887,
2.5782

250.7933,

 0.4518, 0.0525,

245.4440, 303.8263

0.8812

300.7199,
295.5733, 363.1265

■ 0.0000, 0.0000,
0.0000

■ 44.8271, 41.4269,
56.6725

■ 44.8271, 41.4269,
56.6725

■ 41.4846, 34.9775,
55.6044

■ 48.7012, 48.9370,
57.9185

■ 38.6459, 29.5355,
54.7036

■ 53.1255, 57.5474,
59.3473

■ 36.2864, 25.0508,
53.9624

■ 58.1226, 67.3022,
60.9668

■ 34.3779, 21.4673,
53.3712

■ 63.7125, 78.2415,
62.7837

■ 32.8894, 18.7227,
52.9199

■ 68.2966, 87.1683,
64.2651

31.7859, 16.7469,
52.5967

68.4599, 87.2525,
64.2728

31.0266, 15.4587,
52.3881

68.6238, 87.3370,
64.2804

30.5601, 14.7552,
52.2769

68.7885, 87.4219,
64.2881

30.4135, 14.5538,
52.2458

68.9538, 87.5071,
64.2959

Harmonies

Analogous

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



42.0864, 41.4269, 63.9989



44.8271, 41.4269, 56.6725



46.1133, 41.4269, 46.9229

Triad

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



44.8271, 41.4269, 56.6725



40.0041, 41.4269, 29.1767



33.8154, 41.4269, 53.1344

Complementary

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



44.8271, 41.4269, 56.6725



41.2140, 49.1215, 41.9617

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.



33.3274, 41.4269, 43.3383



44.8271, 41.4269, 56.6725



36.7827, 41.4269, 30.3549

Square

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



44.8271, 41.4269, 56.6725



43.2297, 41.4269, 31.7521



34.3840, 41.4269, 35.2326



35.7566, 41.4269, 61.7625

Rectangle

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



44.8271, 41.4269, 56.6725



45.9234, 41.4269, 40.6878



34.3840, 41.4269, 35.2326



33.4808, 41.4269, 49.8348

Sweetspot

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



44.8283, 41.4287, 56.6734



88.9118, 89.9789, 105.1513



38.1251, 38.2465, 56.4125



19.3520, 19.4738, 22.9888



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.



44.8283, 41.4287, 56.6734



79.0989, 70.9644, 101.9983



43.5374, 40.9419, 48.5405



10.4641, 10.2304, 12.7080



20.0097, 9.5758, 34.3503



0.8748, 0.4190, 1.4847

Inverse Universe

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



42.0476, 40.3460, 40.6955



73.1607, 68.6538, 67.8083



42.3799, 49.5641, 49.1740



10.0861, 10.0830, 10.5438



14.6559, 7.5521, 0.8341



0.6379, 0.3282, 0.0604

Previews

White Background



This preview shows how the XYZ color 44.8271, 41.4269, 56.6725 looks on a white background.

Color Contrast Check

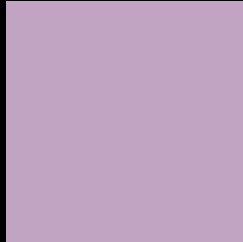
Large Text (above 18pt) WCAG AA × Fail

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 44.8271, 41.4269, 56.6725 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 44.8271, 41.4269, 56.6725

Background



This preview shows how black text looks on a background with the XYZ color 44.8271, 41.4269, 56.6725.



This preview shows how white text looks on a background with the XYZ color 44.8271, 41.4269,

56.6725.

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

44.8271, 41.4269, 56.6725

Protanopia

40.8081, 41.4648, 59.8855

Deuteranopia

42.4507, 41.5588, 56.2363



Tritanopia

43.2588, 41.6035, 48.3981

Trichromacy



Original Color

44.8271, 41.4269, 56.6725

Protanomaly

41.9852, 41.2666, 58.5757

Deuteranomaly

43.2694, 41.4370, 56.1697

Tritanomaly

43.8451, 41.5774, 51.0618

Monochromacy



Original Color

44.8271, 41.4269, 56.6725

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.4016, 42.4898, 50.7663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8271, 41.4269, 56.6725 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(193, 163, 194)` looks like.

```
.text, #text, p{  
    color:rgb(193, 163, 194)  
}
```

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(193, 163, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 163, 194) }
```

Border

The CSS property to change the border of an element to XYZ 44.8271, 41.4269, 56.6725 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(193, 163, 194) }
```


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

```
.border{ border-color:rgb(193, 163, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 163, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 163, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 163, 194);  
box-shadow:4px 4px 4px 4px rgb(193, 163,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8271, 41.4269, 56.6725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 163, 194) }
```

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

```
.background{ background-color: rgb(193,  
163, 194) }
```

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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