

Converting Colors

XYZ(44.8979, 41.7276, 56.1795)

Have a look what the booklet for
XYZ(44.8979, 41.7276, 56.1795)
contains.

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Color

**XYZ(44.8934, 41.7386,
56.1423)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A4C1
RGB	193, 164, 193
RGB Percent	76%, 64%, 76%
CMY	0.2431, 0.3568, 0.2431
CMYK	0.00, 0.15, 0.00, 0.24
HSL	300°, 19%, 70%
HSV	300°, 15%, 76%
XYZ	44.8934, 41.7386, 56.1423
YIQ	175.9770, 7.9750, 15.1670

Conversions

Conversions Part 2

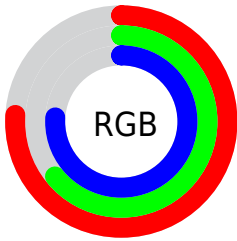
Format	Color
R _Y B	193, 164, 193
Decimal	12690625
CIE Lab	70.69, 15.72, -10.91
CIE LCh	71, 19.139, 325.246
Yxy	41.7386, 0.3144, 0.2923
Android (android.graphics.Color)	4290880705 (0xFFC1A4C1)
YUV	175.9770, 8.3923, 14.9292
Hunter-Lab	64.6054, 10.9777, -6.2994

Details

The XYZ color **44.8934, 41.7386, 56.1423** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.0822, 48.7140, 42.3616**, and the grayscale version is **41.2106, 43.3568, 47.2155**.

A 20% lighter version of the original color is **81.8547, 77.8266, 100.3304**, and **21.1018, 18.9414, 26.9700** is the 20% darker color. If you saturate the color by 10%, you get **41.6986, 35.3484, 55.0778**, and if you desaturate by 10%, it is **48.6148, 49.1807, 57.3833**.

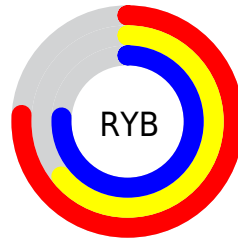
Distribution



Red (76%)

Green (64%)

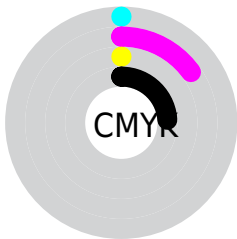
Blue (76%)



Red (76%)

Yellow (64%)

Blue (76%)

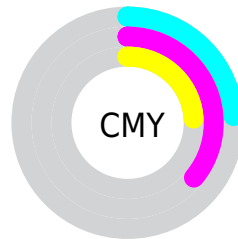


Cyan (0%)

Magenta (15%)

Yellow (0%)

Black (24%)



Cyan (24%)

Magenta (36%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.8934, 41.7386, 56.1423 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 44.8934, 41.7386, 56.1423 by changing the saturation by 10% instead.

■ 44.8934, 41.7386,
56.1423

■ 44.8934, 41.7386,
56.1423

357.1326,
353.3982, 427.6309

■ 31.5744, 28.8967,
39.9123

■ 81.7985, 77.8039,
100.7005

■ 21.1906, 19.0027,
27.1569

■ 106.1152,
101.7960, 129.8657

■ 13.3766, 11.6722,
17.4576

134.8287,
130.2736, 164.1797

■ 7.7672, 6.5209,
10.3959

168.3041,
163.6211, 204.0611

■ 3.9969, 3.1643,
5.5532

206.9068,
202.2229, 249.9284

■ 1.7004, 1.2181,
2.5110

251.0022,

■ 0.4565, 0.0764,

246.4635, 302.2001

0.8460

300.9557,
296.7271, 361.2947

■ 0.0000, 0.0000,
0.0000

■ 44.8934, 41.7386,
56.1423

■ 44.8934, 41.7386,
56.1423

■ 41.6986, 35.3484,
55.0778

■ 48.6148, 49.1807,
57.3833

■ 39.0033, 29.9577,
54.1793

■ 52.8811, 57.7133,
58.8055

■ 36.7831, 25.5174,
53.4391

■ 57.7144, 67.3799,
60.4167

■ 35.0107, 21.9726,
52.8482

■ 63.1344, 78.2199,
62.2234

■ 33.6556, 19.2624,
52.3965

■ 67.3785, 86.7080,
63.6382

■ 32.6836, 17.3185,
52.0724

■ 67.3785, 86.7080,
63.6383

■ 32.0553, 16.0619,
51.8629

■ 67.3785, 86.7080,
63.6383

■ 31.7225, 15.3963,
51.7519

■ 67.3785, 86.7080,
63.6384

■ 31.6183, 15.1879,
51.7171

■ 67.3785, 86.7080,
63.6385

Harmonies

Analogous

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



42.3284, 41.7386, 63.1361



44.8934, 41.7386, 56.1423



46.0615, 41.7386, 46.9085

Triad

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



44.8934, 41.7386, 56.1423



40.1786, 41.7386, 30.1740



34.4092, 41.7386, 53.3063

Complementary

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



44.8934, 41.7386, 56.1423



41.0822, 48.7140, 42.3616

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.



33.9012, 41.7386, 44.0147



44.8934, 41.7386, 56.1423



37.1277, 41.7386, 31.4140

Square

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



44.8934, 41.7386, 56.1423



43.2487, 41.7386, 32.5587



34.8707, 41.7386, 36.2031



36.2968, 41.7386, 61.3519

Rectangle

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



44.8934, 41.7386, 56.1423



45.8480, 41.7386, 41.0082



34.8707, 41.7386, 36.2031



34.0758, 41.7386, 50.1935

Sweetspot

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



44.8946, 41.7404, 56.1432



87.0297, 88.0045, 102.7598



38.2128, 38.2958, 55.8306



18.5628, 18.6640, 22.0094



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



44.8946, 41.7404, 56.1432



78.4398, 70.8248, 99.8964



43.3554, 41.1247, 48.0374



10.4973, 10.2475, 12.7095



21.0296, 10.1016, 34.3975



0.9086, 0.4365, 1.4862

Inverse Universe

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



44.8946, 41.7404, 56.1432



78.4398, 70.8248, 99.8964



42.4675, 49.2681, 49.6561



10.4973, 10.2475, 12.7095



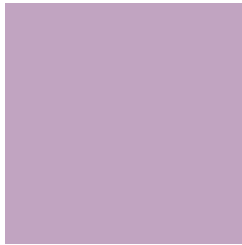
21.0296, 10.1016, 34.3975



0.9086, 0.4365, 1.4862

Previews

White Background



This preview shows how the XYZ color 44.8934, 41.7386, 56.1423 looks on a white background.

Color Contrast Check

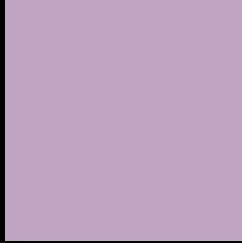
Large Text (above 18pt) WCAG AA × Fail

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 44.8934, 41.7386, 56.1423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

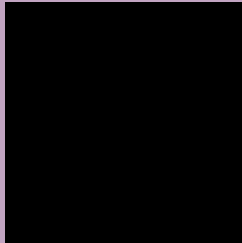
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.8934, 41.7386, 56.1423

Background



This preview shows how black text looks on a background with the XYZ color 44.8934, 41.7386, 56.1423.



This preview shows how white text looks on a background with the XYZ color 44.8934, 41.7386,

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

44.8934, 41.7386, 56.1423

Protanopia

41.3078, 42.0173, 59.3591

Deuteranopia

42.5731, 41.6348, 55.6616



Tritanopia

43.2588, 41.6035, 48.3981

Trichromacy



Original Color

44.8934, 41.7386, 56.1423

Protanomaly

42.5119, 41.8264, 58.0572

Deuteranomaly

43.3407, 41.7575, 55.6449

Tritanomaly

43.8451, 41.5774, 51.0618

Monochromacy



Original Color

44.8934, 41.7386, 56.1423

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.4874, 42.8275, 50.2832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8934, 41.7386, 56.1423 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, 164, 193)` looks like.

```
.text, #text, p{  
    color:rgb(193, 164, 193)  
}
```

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, 164, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 164, 193) }
```

Border

The CSS property to change the border of an element to XYZ 44.8934, 41.7386, 56.1423 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, 164, 193) }
```


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

```
.border{ border-color:rgb(193, 164, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 164, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 164, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 164, 193);  
box-shadow:4px 4px 4px 4px rgb(193, 164,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8934, 41.7386, 56.1423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 164, 193) }
```

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

```
.background{ background-color: rgb(193,  
164, 193) }
```

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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