

Converting Colors

XYZ(41.1146, 33.3887, 53.5679)

Have a look what the booklet for
XYZ(41.1146, 33.3887, 53.5679)
contains.

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Color

**XYZ(41.1146, 33.3887,
53.5679)**

Conversions

Conversions Part 1

Format	Color
Hex	C489BF
RGB	196, 137, 191
RGB Percent	77%, 54%, 75%
CMY	0.2314, 0.4627, 0.2510
CMYK	0.00, 0.30, 0.03, 0.23
HSL	305°, 33%, 65%
HSV	305°, 30%, 77%
XYZ	41.1146, 33.3887, 53.5679
YIQ	160.7970, 17.8300, 29.3020

Conversions

Conversions Part 2

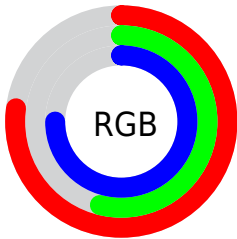
Format	Color
R_{YB}	196, 137, 191
Decimal	12880319
CIE _{Lab}	64.47, 31.27, -19.14
CIE _{LCh}	64, 36.662, 328.533
Yxy	33.3887, 0.3210, 0.2607
Android (android.graphics.Color)	4291070399 (0xFFC489BF)
YUV	160.7970, 14.8901, 30.8730
Hunter-Lab	57.7830, 25.8888, -14.5169

Details

The XYZ color **41.1146, 33.3887, 53.5679** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.9403, 46.7523, 32.7757**, and the grayscale version is **33.7103, 35.4659, 38.6223**.

A 20% lighter version of the original color is **75.9273, 64.8597, 96.5130**, and **18.8277, 14.1244, 25.4009** is the 20% darker color. If you saturate the color by 10%, you get **38.3960, 28.2419, 51.7651**, and if you desaturate by 10%, it is **44.3434, 39.5515, 55.5517**.

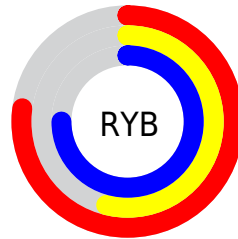
Distribution



Red (77%)

Green (54%)

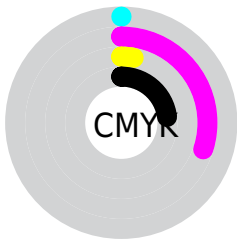
Blue (75%)



Red (77%)

Yellow (54%)

Blue (75%)

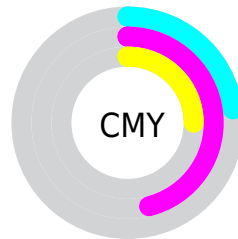


Cyan (0%)

Magenta (30%)

Yellow (3%)

Black (23%)



Cyan (23%)


Magenta (46%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1146, 33.3887, 53.5679 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 41.1146, 33.3887, 53.5679 by changing the saturation by 10% instead.


 41.1146, 33.3887,
53.5679


 41.1146, 33.3887,
53.5679


341.8538,
317.3976, 417.5881


 28.5967, 22.4244,
37.8655


 76.1314, 64.9819,
96.8895

 18.9187, 14.1691,
25.5773


 99.3611, 86.3796,
125.3458

 11.7152, 8.2383,
16.2848


 126.8921,
112.0239, 158.8904

 6.6209, 4.2478,
9.5693

159.0897,
142.2991, 197.9420

 3.2704, 1.8131,
5.0125

196.3193,
177.5897, 242.9190

 1.2983, 0.4953,
2.1957

238.9463,

 0.1819, 0.0000,

218.2800, 294.2400

0.6719

287.3360,
264.7545, 352.3235

■ 0.0000, 0.0000,
0.0000

■ 41.1146, 33.3887,
53.5679

■ 41.1146, 33.3887,
53.5679

■ 38.3960, 28.2419,
51.7651

■ 44.3434, 39.5515,
55.5517

■ 36.1571, 24.0517,
50.1321

■ 48.1048, 46.7766,
57.7229

■ 34.3689, 20.7597,
48.6595

■ 52.4233, 55.1127,
60.0902

■ 32.9980, 18.2989,
47.3361

■ 57.3212, 64.6043,
62.6609

■ 32.0064, 16.5934,
46.1492

■ 62.8196, 75.2934,
65.4421

■ 31.3489, 15.5530,
45.0837

■ 68.9384, 87.2199,
68.4405

■ 30.9413, 15.0064,
44.1199

■ 69.2607, 87.5501,
69.5172

■ 69.4593, 87.6295,
70.5631

■ 69.6600, 87.7098,
71.6202

Harmonies

Analogous

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



36.7882, 33.3887, 68.0043



41.1146, 33.3887, 53.5679



42.8943, 33.3887, 37.0972

Triad

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



41.1146, 33.3887, 53.5679



31.9932, 33.3887, 14.4857



23.6902, 33.3887, 51.9306

Complementary

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



41.1146, 33.3887, 53.5679



34.9403, 46.7523, 32.7757

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.



22.7012, 33.3887, 35.6220



41.1146, 33.3887, 53.5679



27.1670, 33.3887, 16.4593

Square

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



41.1146, 33.3887, 53.5679



37.2827, 33.3887, 16.8980



23.9028, 33.3887, 23.2911



26.7668, 33.3887, 66.8906

Rectangle

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



41.1146, 33.3887, 53.5679



42.2635, 33.3887, 27.9424



23.9028, 33.3887, 23.2911



23.1185, 33.3887, 46.3055

Sweetspot

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



41.1156, 33.3902, 53.5686



87.8490, 86.0967, 104.9625



30.0520, 27.6220, 55.9729



18.5713, 17.9814, 22.3361



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.



41.1156, 33.3902, 53.5686



71.1951, 54.2544, 94.8930



38.1965, 32.2225, 38.1964



10.4593, 10.2323, 12.5091



19.8966, 9.6484, 28.4313



0.8707, 0.4213, 1.2866

Inverse Universe

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



41.1156, 33.3902, 53.5686



71.1951, 54.2544, 94.8930



37.4482, 47.7554, 45.9819



10.4593, 10.2323, 12.5091



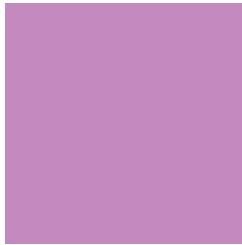
19.8966, 9.6484, 28.4313



0.8707, 0.4213, 1.2866

Previews

White Background



This preview shows how the XYZ color 41.1146, 33.3887, 53.5679 looks on a white background.

Color Contrast Check

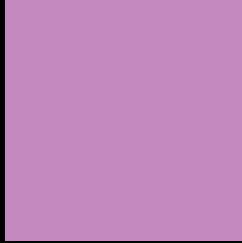
Large Text (above 18pt) WCAG AA × Fail

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 41.1146, 33.3887, 53.5679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

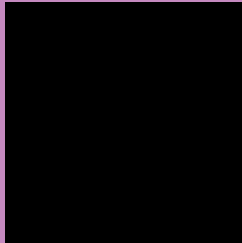
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1146, 33.3887, 53.5679

Background



This preview shows how black text looks on a background with the XYZ color 41.1146, 33.3887, 53.5679.



This preview shows how white text looks on a background with the XYZ color 41.1146, 33.3887,

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

41.1146, 33.3887, 53.5679

Protanopia

34.1220, 33.7316, 61.8392

Deuteranopia

34.1786, 33.4812, 52.2381



Tritanopia

37.3755, 33.3894, 35.4852

Trichromacy



Original Color

41.1146, 33.3887, 53.5679

Protanomaly

36.0030, 33.0899, 58.5223

Deuteranomaly

36.4136, 33.1995, 52.6330

Tritanomaly

38.5851, 33.2144, 41.4231

Monochromacy



Original Color

41.1146, 33.3887, 53.5679

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

36.1302, 34.4337, 43.7718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1146, 33.3887, 53.5679 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(196, 137, 191)` looks like.

```
.text, #text, p{  
    color:rgb(196, 137, 191)  
}
```

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(196, 137, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 137, 191) }
```

Border

The CSS property to change the border of an element to XYZ 41.1146, 33.3887, 53.5679 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(196, 137, 191) }
```


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

```
.border{ border-color:rgb(196, 137, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 137, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 137, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 137, 191);  
box-shadow:4px 4px 4px 4px rgb(196, 137,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1146, 33.3887, 53.5679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 137, 191) }
```

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

```
.background{ background-color: rgb(196,  
137, 191) }
```

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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