

Converting Colors

XYZ(41.9154, 36.6320, 63.0829)

Have a look what the booklet for
XYZ(41.9154, 36.6320, 63.0829)
contains.

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Color

**XYZ(41.8141, 36.4593,
63.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	B896CE
RGB	184, 150, 206
RGB Percent	72%, 59%, 81%
CMY	0.2784, 0.4117, 0.1922
CMYK	0.11, 0.27, 0.00, 0.19
HSL	276°, 36%, 70%
HSV	276°, 27%, 81%
XYZ	41.8141, 36.4593, 63.2260
YIQ	166.5500, 2.2880, 24.6240

Conversions

Conversions Part 2

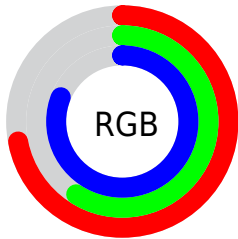
Format	Color
RYB	184, 150, 206
Decimal	12097230
CIELab	66.87, 23.08, -23.98
CIELCh	67, 33.281, 313.907
Yxy	36.4593, 0.2955, 0.2577
Android (android.graphics.Color)	4290287310 (0xFFB896CE)
YUV	166.5500, 19.4488, 15.3036
Hunter-Lab	60.3815, 17.9432, -19.8160

Details

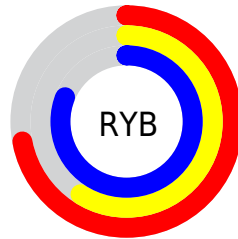
The XYZ color **41.8141, 36.4593, 63.2260** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.5908, 55.1162, 37.1442**, and the grayscale version is **36.4207, 38.3174, 41.7277**.

A 20% lighter version of the original color is **75.5780, 68.9310, 103.9294**, and **19.3353, 15.9365, 31.7627** is the 20% darker color. If you saturate the color by 10%, you get **36.9281, 29.4829, 62.1375**, and if you desaturate by 10%, it is **47.3912, 44.6516, 64.5139**.

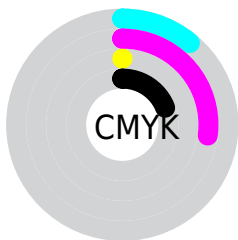
Distribution



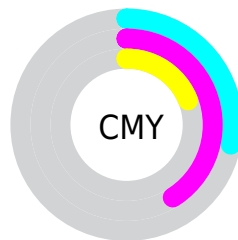
- Red (72%)
- Green (59%)
- Blue (81%)



- Red (72%)
- Yellow (59%)
- Blue (81%)



- Cyan (11%)
- Magenta (27%)
- Yellow (0%)
- Black (19%)



- Cyan (28%)
- Magenta (41%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8141, 36.4593, 63.2260 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 41.8141, 36.4593, 63.2260 by changing the saturation by 10% instead.

■ 41.8141, 36.4593,
63.2260

■ 41.8141, 36.4593,
63.2260

344.7165,
330.9636, 454.5197

■ 29.1462, 24.7891,
45.5819

■ 77.1851, 69.7404,
111.0842

■ 19.3363, 15.9200,
31.5697

■ 100.6190, 92.1201,
142.1354

■ 12.0190, 9.4676,
20.7710

128.3722,
118.8385, 178.4927

■ 6.8289, 5.0474,
12.7671

160.8102,
150.2799, 220.5747

■ 3.4007, 2.2751,
7.1395

198.2983,
186.8287, 268.7998

■ 1.3690, 0.7605,
3.4697

241.2017,

■ 0.2340, 0.0000,

228.8693, 323.5867

1.3392

289.8860,
276.7862, 385.3538

■ 0.0000, 0.0000,
0.0936

■ 0.0000, 0.0000,
0.0000

■ 41.8141, 36.4593,
63.2260

■ 41.8141, 36.4593,
63.2260

■ 36.9281, 29.4829,
62.1375

■ 47.3912, 44.6516,
64.5139

■ 32.6977, 23.6564,
61.2358

■ 53.6857, 54.1123,
66.0082

■ 29.0890, 18.9143,
60.5107

■ 60.7267, 64.8961,
67.7186

■ 26.0636, 15.1825,
59.9499

■ 68.5408, 77.0534,
69.6534

■ 23.5782, 12.3773,
59.5394

■ 77.1528, 90.6317,
71.8203

■ 21.5823, 10.4008,
59.2631

■ 80.3614, 93.2259,
72.1520

■ 20.0084, 9.1213,
59.0991

■ 83.0579, 94.6160,
72.2782

■ 19.6085, 8.8216,
59.0623

■ 85.8771, 96.0693,
72.4101

■ 88.1407, 97.2363,
72.5160

Harmonies

Analogous

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



37.0340, 36.4593, 73.1727



41.8141, 36.4593, 63.2260



44.8181, 36.4593, 47.8950

Triad

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



41.8141, 36.4593, 63.2260



37.4085, 36.4593, 18.5646



26.0759, 36.4593, 46.7454

Complementary

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



41.8141, 36.4593, 63.2260



44.5908, 55.1162, 37.1442

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.



26.1551, 36.4593, 32.4940



41.8141, 36.4593, 63.2260



32.3772, 36.4593, 18.4000

Square

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



41.8141, 36.4593, 63.2260



42.1111, 36.4593, 23.4005



28.3609, 36.4593, 22.8781



28.1328, 36.4593, 62.2106

Rectangle

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



41.8141, 36.4593, 63.2260



45.2433, 36.4593, 37.8378



28.3609, 36.4593, 22.8781



25.8602, 36.4593, 41.6181

Sweetspot

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



41.8153, 36.4608, 63.2268



85.9966, 86.1794, 106.7095



38.5484, 40.5993, 64.1978



18.0615, 17.9234, 22.7576



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.



41.8153, 36.4608, 63.2268



62.6906, 51.8094, 101.3038



46.8331, 39.1248, 59.9732



11.2443, 11.1753, 14.1348



12.1858, 5.4896, 36.3736



0.7124, 0.3264, 1.8804

Inverse Universe

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



43.8075, 37.9146, 44.0407



66.6628, 54.6845, 64.1115



40.6172, 53.0143, 39.3689



11.3918, 11.2854, 12.5977



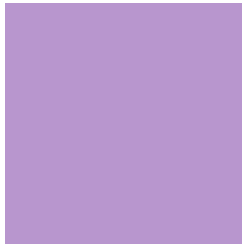
16.6311, 8.4630, 5.7758



0.8950, 0.4514, 0.4929

Previews

White Background



This preview shows how the XYZ color 41.8141, 36.4593, 63.2260 looks on a white background.

Color Contrast Check

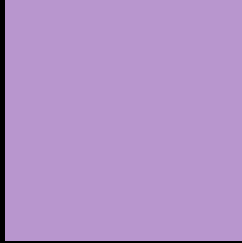
Large Text (above 18pt) WCAG AA × Fail

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 41.8141, 36.4593, 63.2260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

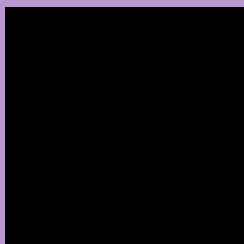
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8141, 36.4593, 63.2260

Background



This preview shows how black text looks on a background with the XYZ color 41.8141, 36.4593, 63.2260.



This preview shows how white text looks on a background with the XYZ color 41.8141, 36.4593,

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

41.8141, 36.4593, 63.2260

Protanopia

37.0952, 36.6407, 68.7356

Deuteranopia

37.3745, 36.6693, 62.2348



Tritanopia

37.5785, 36.4435, 42.5898

Trichromacy



Original Color

41.8141, 36.4593, 63.2260

Protanomaly

38.5128, 36.3942, 66.6229

Deuteranomaly

38.8443, 36.4002, 62.7362

Tritanomaly

38.8215, 36.1919, 49.1956

Monochromacy



Original Color

41.8141, 36.4593, 63.2260

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.3189, 37.7102, 48.9752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8141, 36.4593, 63.2260 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(184, 150, 206)` looks like.

```
.text, #text, p{  
    color:rgb(184, 150, 206)  
}
```

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(184, 150, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 150, 206) }
```

Border

The CSS property to change the border of an element to XYZ 41.8141, 36.4593, 63.2260 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(184, 150, 206) }
```


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

```
.border{ border-color:rgb(184, 150, 206) }
```

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

Here you see how a box with a 4 pixel rgb(184, 150, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 150, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 150, 206);  
box-shadow:4px 4px 4px 4px rgb(184, 150,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8141, 36.4593, 63.2260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 150, 206) }
```

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

```
.background{ background-color: rgb(184,  
150, 206) }
```

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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