

Converting Colors

XYZ(43.5649, 39.9330, 59.8879)

Have a look what the booklet for
XYZ(43.5649, 39.9330, 59.8879)
contains.

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Color

**XYZ(43.4896, 39.8765,
60.0484)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA0C8
RGB	187, 160, 200
RGB Percent	73%, 63%, 78%
CMY	0.2667, 0.3725, 0.2157
CMYK	0.06, 0.20, 0.00, 0.22
HSL	280°, 27%, 71%
HSV	280°, 20%, 78%
XYZ	43.4896, 39.8765, 60.0484
YIQ	172.6330, 3.2520, 18.1640

Conversions

Conversions Part 2

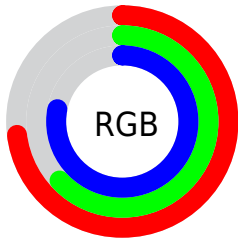
Format	Color
RYB	187, 160, 200
Decimal	12296392
CIELab	69.38, 17.26, -16.80
CIElCh	69, 24.092, 315.776
Yxy	39.8765, 0.3032, 0.2781
Android (android.graphics.Color)	4290486472 (0xFFBBA0C8)
YUV	172.6330, 13.4919, 12.5999
Hunter-Lab	63.1478, 12.4233, -12.1764

Details

The XYZ color **43.4896, 39.8765, 60.0484** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.2345, 52.7319, 41.1065**, and the grayscale version is **39.4671, 41.5225, 45.2180**.

A 20% lighter version of the original color is **79.3126, 74.8756, 104.8799**, and **20.3824, 17.8688, 29.5689** is the 20% darker color. If you saturate the color by 10%, you get **38.7434, 32.6911, 58.9122**, and if you desaturate by 10%, it is **48.8680, 48.2179, 61.3756**.

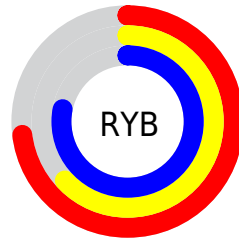
Distribution



Red (73%)

Green (63%)

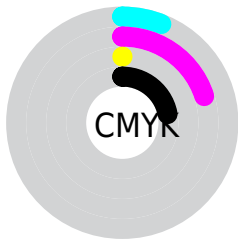
Blue (78%)



Red (73%)

Yellow (63%)

Blue (78%)

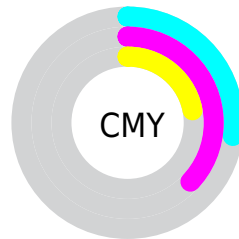


Cyan (6%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (27%)


Magenta (37%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4896, 39.8765, 60.0484 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 43.4896, 39.8765, 60.0484 by changing the saturation by 10% instead.


 43.4896, 39.8765,
60.0484

 43.4896, 39.8765,
60.0484


351.5089,
345.6028, 442.5857

 30.4656, 27.4423,
43.0321


 79.7003, 74.9754,
106.4439

 20.3421, 17.9057,
29.5787


 103.6177, 98.4089,
136.6602

 12.7537, 10.8823,
19.2697

131.8970,
126.2776, 172.1136

 7.3350, 5.9877,
11.6865

164.9035,
158.9658, 213.2227

 3.7206, 2.8376,
6.4107

203.0026,
196.8581, 260.4058

 1.5453, 1.0476,
3.0236

246.5596,

 0.3564, 0.0000,

240.3387, 314.0817

1.1067

295.9399,
289.7922, 374.6688

■ 0.0000, 0.0000,
0.0000

■ 43.4896, 39.8765,
60.0484

■ 43.4896, 39.8765,
60.0484

■ 38.7434, 32.6911,
58.9122

■ 48.8680, 48.2179,
61.3756

■ 34.5981, 26.6028,
57.9556

■ 54.9007, 57.7604,
62.8995

■ 31.0252, 21.5553,
57.1696

■ 61.6132, 68.5528,
64.6289

■ 27.9923, 17.4851,
56.5438

■ 69.0283, 80.6396,
66.5710

■ 25.4632, 14.3214,
56.0665

■ 75.5505, 90.8284,
68.1939

■ 23.3969, 11.9838,
55.7242

■ 77.5506, 91.8595,
68.2875

■ 21.7452, 10.3772,
55.5011

■ 79.6280, 92.9305,
68.3848

■ 20.4169, 9.3210,
55.3673

■ 81.7835, 94.0417,
68.4856

■ 20.4167, 9.3208,
55.3672

■ 84.0180, 95.1936,
68.5902

Harmonies

Analogous

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



39.9613, 39.8765, 67.3334



43.4896, 39.8765, 60.0484



45.5841, 39.8765, 48.8701

Triad

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



43.4896, 39.8765, 60.0484



39.7599, 39.8765, 25.8598



31.1802, 39.8765, 49.4761

Complementary

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



43.4896, 39.8765, 60.0484



44.2345, 52.7319, 41.1065

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.



31.1344, 39.8765, 38.3886



43.4896, 39.8765, 60.0484



35.9135, 39.8765, 25.9657

Square

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



43.4896, 39.8765, 60.0484



43.3335, 39.8765, 29.8640



32.8137, 39.8765, 30.1833



32.9434, 39.8765, 60.5567

Rectangle

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



43.4896, 39.8765, 60.0484



45.7998, 39.8765, 41.3085



32.8137, 39.8765, 30.1833



30.9677, 39.8765, 45.5996

Sweetspot

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



43.4908, 39.8782, 60.0493



88.5559, 89.6927, 107.2528



39.9317, 41.6605, 60.5809



18.8088, 18.9680, 22.9198



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.



43.4908, 39.8782, 60.0493



71.5942, 63.3953, 103.0708



46.0543, 41.2878, 56.1902



10.7351, 10.6372, 13.4049



13.0788, 5.9766, 35.2086



0.6929, 0.3209, 1.6706

Inverse Universe

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



43.9344, 40.4398, 45.0272



72.5855, 64.5939, 72.0539



42.0972, 51.5609, 44.1331



10.7736, 10.6928, 11.7911



15.7888, 8.0651, 4.0979



0.7811, 0.3953, 0.3704

Previews

White Background



This preview shows how the XYZ color 43.4896, 39.8765, 60.0484 looks on a white background.

Color Contrast Check

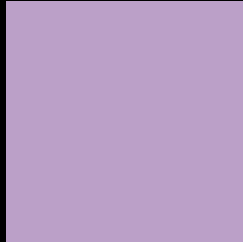
Large Text (above 18pt) WCAG AA × Fail

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 43.4896, 39.8765, 60.0484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

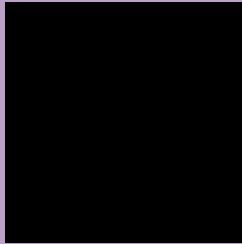
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4896, 39.8765, 60.0484

Background



This preview shows how black text looks on a background with the XYZ color 43.4896, 39.8765, 60.0484.



This preview shows how white text looks on a background with the XYZ color 43.4896, 39.8765,

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

43.4896, 39.8765, 60.0484

Protanopia

39.7200, 39.9901, 63.3830

Deuteranopia

40.9583, 40.1666, 59.6270



Tritanopia

40.7397, 39.7925, 47.1285

Trichromacy



Original Color

43.4896, 39.8765, 60.0484

Protanomaly

40.8122, 39.7681, 62.0249

Deuteranomaly

41.7157, 40.0216, 59.5591

Tritanomaly

41.6213, 39.8875, 51.4043

Monochromacy



Original Color

43.4896, 39.8765, 60.0484

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.9100, 40.8891, 50.5360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4896, 39.8765, 60.0484 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(187, 160, 200)` looks like.

```
.text, #text, p{  
    color:rgb(187, 160, 200)  
}
```

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(187, 160, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 160, 200) }
```

Border

The CSS property to change the border of an element to XYZ 43.4896, 39.8765, 60.0484 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(187, 160, 200) }
```


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

```
.border{ border-color:rgb(187, 160, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 160, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 160, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 160, 200);  
box-shadow:4px 4px 4px 4px rgb(187, 160,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4896, 39.8765, 60.0484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 160, 200) }
```

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

```
.background{ background-color: rgb(187,  
160, 200) }
```

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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