

Converting Colors

XYZ(46.1766, 46.4243, 60.0918)

Have a look what the booklet for
XYZ(46.1766, 46.4243, 60.0918)
contains.

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Color

**XYZ(46.3207, 46.6317,
59.9855)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B3C6
RGB	185, 179, 198
RGB Percent	73%, 70%, 78%
CMY	0.2745, 0.2980, 0.2235
CMYK	0.07, 0.10, 0.00, 0.22
HSL	259°, 14%, 74%
HSV	259°, 10%, 78%
XYZ	46.3207, 46.6317, 59.9855
YIQ	182.9600, -2.5230, 7.1810

Conversions

Conversions Part 2

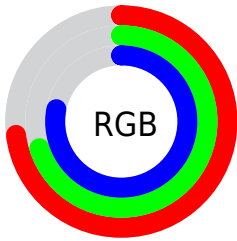
Format	Color
R_{YB}	185, 179, 198
Decimal	12170182
CIE Lab	73.95, 5.74, -8.86
CIE LCh	74, 10.561, 302.941
Yxy	46.6317, 0.3029, 0.3049
Android (android.graphics.Color)	4290360262 (0xFFB9B3C6)
YUV	182.9600, 7.4147, 1.7891
Hunter-Lab	68.2874, 1.5771, -4.2807

Details

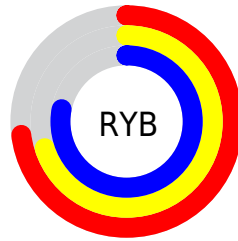
The XYZ color **46.3207, 46.6317, 59.9855** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.0707, 54.8505, 50.5983**, and the grayscale version is **44.9506, 47.2915, 51.5005**.

A 20% lighter version of the original color is **84.0340, 85.3374, 106.6504**, and **22.0106, 21.8409, 29.4412** is the 20% darker color. If you saturate the color by 10%, you get **39.5197, 37.6526, 58.6115**, and if you desaturate by 10%, it is **54.0058, 56.9150, 61.5660**.

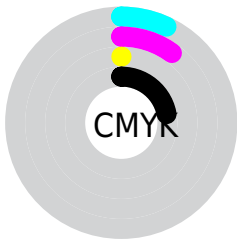
Distribution



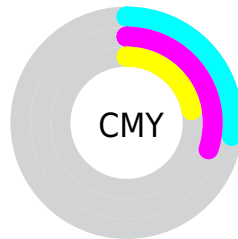
- Red (73%)
- Green (70%)
- Blue (78%)



- Red (73%)
- Yellow (70%)
- Blue (78%)



- Cyan (7%)
- Magenta (10%)
- Yellow (0%)
- Black (22%)



- Cyan (27%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.3207, 46.6317, 59.9855 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 46.3207, 46.6317, 59.9855 by changing the saturation by 10% instead.

■ 46.3207, 46.6317,
59.9855

■ 46.3207, 46.6317,
59.9855

362.7908,
373.3425, 442.3475

■ 32.7047, 32.7446,
42.9817

■ 83.9237, 85.1636,
106.3518

■ 22.0584, 21.9309,
29.5395

108.6413,
110.5772, 136.5514

■ 14.0167, 13.8061,
19.2402

137.7902,
140.6017, 171.9867

■ 8.2141, 7.9859,
11.6654

171.7357,
175.6216, 213.0762

■ 4.2852, 4.0859,
6.3965

210.8432,
216.0212, 260.2385

■ 1.8647, 1.7218,
3.0150

255.4779,

■ 0.5562, 0.4377,

262.1850, 313.8922

1.1023

306.0054,
314.4973, 374.4556

■ 0.0000, 0.0000,
0.0000

■ 46.3207, 46.6317,
59.9855

■ 46.3207, 46.6317,
59.9855

■ 39.5197, 37.6526,
58.6115

■ 54.0058, 56.9150,
61.5660

■ 33.5658, 29.9190,
57.4326

■ 62.6019, 68.5462,
63.3580

■ 28.4255, 23.3763,
56.4407

■ 72.1399, 81.5744,
65.3700

■ 24.0613, 17.9637,
55.6259

■ 81.6170, 93.9827,
67.2656

■ 20.4325, 13.6147,
54.9778

■ 86.3697, 96.4327,
67.4880

■ 17.4945, 10.2558,
54.4843

■ 87.1932, 96.8573,
67.5265

■ 15.1972, 7.8037,
54.1320

■ 13.4830, 6.1606,
53.9052

■ 12.2554, 5.1533,
53.7755

Harmonies

Analogous

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



44.5081, 46.6317, 61.8528



46.3207, 46.6317, 59.9855



47.6261, 46.6317, 55.6400

Triad

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



46.3207, 46.6317, 59.9855



45.9900, 46.6317, 42.0860



40.8027, 46.6317, 51.3080

Complementary

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



46.3207, 46.6317, 59.9855



50.0707, 54.8505, 50.5983

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.



41.1744, 46.6317, 46.2003



46.3207, 46.6317, 59.9855



44.1365, 46.6317, 41.1040

Square

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



46.3207, 46.6317, 59.9855



47.4314, 46.6317, 45.3402



42.3817, 46.6317, 42.5574



41.3516, 46.6317, 56.6255

Rectangle

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



46.3207, 46.6317, 59.9855



48.0142, 46.6317, 52.0593



42.3817, 46.6317, 42.5574



40.8241, 46.6317, 49.5100

Sweetspot

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



46.3221, 46.6337, 59.9865



90.7581, 94.2364, 108.0137



47.7006, 51.4936, 60.8519



19.1858, 19.8487, 23.0699



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.



46.3221, 46.6337, 59.9865



78.7647, 78.2492, 105.5600



48.6141, 47.8153, 60.0938



10.3666, 10.4472, 13.3876



8.0204, 3.3689, 34.9719



0.4555, 0.1986, 1.6595

Inverse Universe

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



48.9248, 48.0538, 56.5682



84.5367, 81.3999, 97.9147



47.8132, 53.6868, 50.4927



10.9351, 10.7574, 12.6415



18.0520, 8.9704, 16.0158



0.8865, 0.4374, 0.9255

Previews

White Background



This preview shows how the XYZ color 46.3207, 46.6317, 59.9855 looks on a white background.

Color Contrast Check

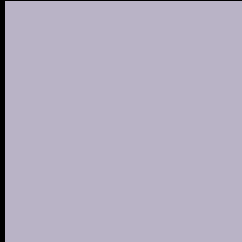
Large Text (above 18pt) WCAG AA × Fail

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 46.3207, 46.6317, 59.9855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

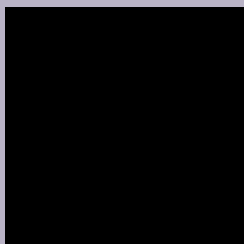
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.3207, 46.6317, 59.9855

Background



This preview shows how black text looks on a background with the XYZ color 46.3207, 46.6317, 59.9855.



This preview shows how white text looks on a background with the XYZ color 46.3207, 46.6317,

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

46.3207, 46.6317, 59.9855

Protanopia

45.6551, 46.8746, 60.6742

Deuteranopia

47.6534, 46.7280, 59.9339



Tritanopia

45.8260, 46.7279, 57.6430

Trichromacy



Original Color

46.3207, 46.6317, 59.9855

Protanomaly

45.9215, 46.7111, 60.6287

Deuteranomaly

47.0997, 46.7368, 59.9648

Tritanomaly

45.9387, 46.7730, 58.2366

Monochromacy



Original Color

46.3207, 46.6317, 59.9855

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.5722, 47.2771, 54.3004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3207, 46.6317, 59.9855 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(185, 179, 198)` looks like.

```
.text, #text, p{  
    color:rgb(185, 179, 198)  
}
```

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(185, 179, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 179, 198) }
```

Border

The CSS property to change the border of an element to XYZ 46.3207, 46.6317, 59.9855 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(185, 179, 198) }
```


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

```
.border{ border-color:rgb(185, 179, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 179, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 179, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 179, 198);  
box-shadow:4px 4px 4px 4px rgb(185, 179,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3207, 46.6317, 59.9855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 179, 198) }
```

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

```
.background{ background-color: rgb(185,  
179, 198) }
```

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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