

Converting Colors

XYZ(46.3729, 43.5856, 61.2274)

Have a look what the booklet for
XYZ(46.3729, 43.5856, 61.2274)
contains.

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Color

**XYZ(46.2835, 43.4288,
61.2015)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A8C9
RGB	192, 168, 201
RGB Percent	75%, 66%, 79%
CMY	0.2471, 0.3412, 0.2118
CMYK	0.04, 0.16, 0.00, 0.21
HSL	284°, 23%, 72%
HSV	284°, 16%, 79%
XYZ	46.2835, 43.4288, 61.2015
YIQ	178.9380, 3.7110, 15.3510

Conversions

Conversions Part 2

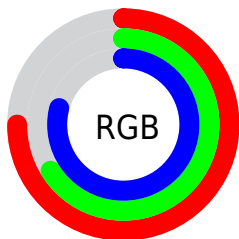
Format	Color
R_{YB}	192, 168, 201
Decimal	12626121
CIE _{Lab}	71.85, 14.73, -13.60
CIE _{LCh}	72, 20.044, 317.279
Yxy	43.4288, 0.3067, 0.2878
Android (android.graphics.Color)	4290816201 (0xFFC0A8C9)
YUV	178.9380, 10.8766, 11.4554
Hunter-Lab	65.9005, 10.0388, -8.9320

Details

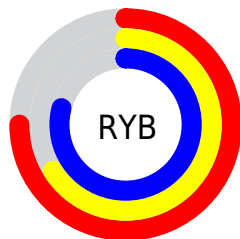
The XYZ color **46.2835, 43.4288, 61.2015** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.0875, 53.9486, 45.0320**, and the grayscale version is **42.7584, 44.9851, 48.9888**.

A 20% lighter version of the original color is **83.5046, 80.1351, 105.6742**, and **21.9931, 20.0006, 30.3051** is the 20% darker color. If you saturate the color by 10%, you get **41.4938, 35.8712, 59.9958**, and if you desaturate by 10%, it is **51.7011, 52.1639, 62.6027**.

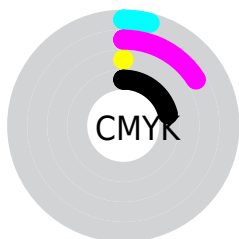
Distribution



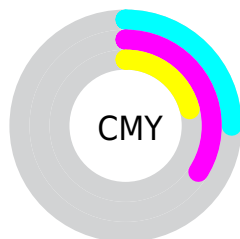
- Red (75%)
- Green (66%)
- Blue (79%)



- Red (75%)
- Yellow (66%)
- Blue (79%)



- Cyan (4%)
- Magenta (16%)
- Yellow (0%)
- Black (21%)





- Cyan (25%)
- Magenta (34%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.2835, 43.4288, 61.2015 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 46.2835, 43.4288, 61.2015 by changing the saturation by 10% instead.


 46.2835, 43.4288,
61.2015


 46.2835, 43.4288,
61.2015


362.6441,
360.3722, 446.9394

 32.6752, 30.2217,
43.9562


 83.8684, 80.3575,
108.1310

 22.0358, 20.0069,
30.2991


 108.5757,
104.8480, 138.6523

 13.9999, 12.4001,
19.8118


137.7133,
133.8683, 174.4360

 8.2023, 7.0168,
12.0756

171.6466,
167.8029, 215.9006

 4.2776, 3.4726,
6.6720

210.7410,
207.0362, 263.4647

 1.8603, 1.3832,
3.1825

255.3618,

 0.5536, 0.2043,

251.9526, 317.5469

1.1886

305.8744,
302.9365, 378.5656

■ 0.0000, 0.0000,
0.0000

■ 46.2835, 43.4288,
61.2015

■ 46.2835, 43.4288,
61.2015

■ 41.4938, 35.8712,
59.9958

■ 51.7011, 52.1639,
62.6027

■ 37.3012, 29.4327,
58.9741

■ 57.7678, 62.1204,
64.2047

■ 33.6783, 24.0583,
58.1276

■ 64.5085, 73.3466,
66.0163

■ 30.5935, 19.6859,
57.4463

■ 71.9458, 85.8867,
68.0448

■ 28.0121, 16.2472,
56.9186

■ 75.6402, 90.8611,
68.8103

■ 25.8952, 13.6647,
56.5317

■ 77.3210, 91.7276,
68.8889

■ 24.1972, 11.8485,
56.2706

■ 79.0567, 92.6224,
68.9701

■ 22.8599, 10.6829,
56.1161

■ 80.8477, 93.5457,
69.0540

■ 22.4289, 10.3446,
56.0735

■ 82.6946, 94.4978,
69.1404

Harmonies

Analogous

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



43.2556, 43.4288, 67.5744



46.2835, 43.4288, 61.2015



48.0081, 43.4288, 51.5425

Triad

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



46.2835, 43.4288, 61.2015



42.7382, 43.4288, 31.2357



35.3293, 43.4288, 53.0849

Complementary

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



46.2835, 43.4288, 61.2015



46.0875, 53.9486, 45.0320

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.



35.2078, 43.4288, 43.2716



46.2835, 43.4288, 61.2015



39.3612, 43.4288, 31.5296

Square

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



46.2835, 43.4288, 61.2015



45.8868, 43.4288, 34.7915



36.6466, 43.4288, 35.6589



36.9882, 43.4288, 62.4637

Rectangle

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



46.2835, 43.4288, 61.2015



48.1278, 43.4288, 44.9477



36.6466, 43.4288, 35.6589



35.1107, 43.4288, 49.7052

Sweetspot

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



46.2848, 43.4307, 61.2024



89.8488, 91.4796, 107.5295



42.4842, 44.1265, 61.5371



19.0798, 19.3334, 22.9761



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.



46.2848, 43.4307, 61.2024



75.9494, 69.1224, 103.9467



47.8121, 44.3129, 56.9850



10.7901, 10.6656, 13.4075



14.1940, 6.5515, 35.2608



0.7389, 0.3447, 1.6727

Inverse Universe

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



46.0273, 43.5990, 47.5865



75.4759, 69.5030, 75.7051



44.7892, 53.2003, 48.5447



10.7507, 10.6837, 11.6706



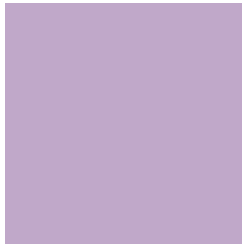
15.6095, 7.9934, 3.1537



0.7705, 0.3910, 0.3145

Previews

White Background



This preview shows how the XYZ color 46.2835, 43.4288, 61.2015 looks on a white background.

Color Contrast Check

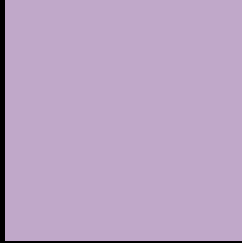
Large Text (above 18pt) WCAG AA × Fail

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 46.2835, 43.4288, 61.2015 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 46.2835, 43.4288, 61.2015

Background



This preview shows how black text looks on a background with the XYZ color 46.2835, 43.4288, 61.2015.



This preview shows how white text looks on a background with the XYZ color 46.2835, 43.4288,

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

46.2835, 43.4288, 61.2015

Protanopia

42.9270, 43.6138, 63.9134

Deuteranopia

44.4693, 43.6203, 60.7194



Tritanopia

44.2009, 43.4053, 51.3958

Trichromacy



Original Color

46.2835, 43.4288, 61.2015

Protanomaly

44.0117, 43.3297, 63.1705

Deuteranomaly

45.2379, 43.7351, 60.7010

Tritanomaly

44.9042, 43.4143, 54.7283

Monochromacy



Original Color

46.2835, 43.4288, 61.2015

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.0668, 44.4381, 53.2686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2835, 43.4288, 61.2015 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(192, 168, 201)` looks like.

```
.text, #text, p{  
    color:rgb(192, 168, 201)  
}
```

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(192, 168, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 168, 201) }
```

Border

The CSS property to change the border of an element to XYZ 46.2835, 43.4288, 61.2015 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(192, 168, 201) }
```


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

```
.border{ border-color:rgb(192, 168, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 168, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 168, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 168, 201);  
box-shadow:4px 4px 4px 4px rgb(192, 168,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2835, 43.4288, 61.2015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 168, 201) }
```

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

```
.background{ background-color: rgb(192,  
168, 201) }
```

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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