

Converting Colors

XYZ(35.2469, 29.2470, 46.1333)

Have a look what the booklet for
XYZ(35.2469, 29.2470, 46.1333)
contains.

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Color

**XYZ(35.2082, 29.2707,
45.9136)**

Conversions

Conversions Part 1

Format	Color
Hex	B583B2
RGB	181, 131, 178
RGB Percent	71%, 51%, 70%
CMY	0.2902, 0.4863, 0.3020
CMYK	0.00, 0.28, 0.02, 0.29
HSL	304°, 25%, 61%
HSV	304°, 28%, 71%
XYZ	35.2082, 29.2707, 45.9136
YIQ	151.3080, 14.7130, 25.2170

Conversions

Conversions Part 2

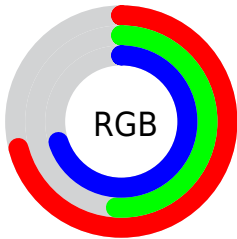
Format	Color
R_{YB}	181, 131, 178
Decimal	11895730
CIE _{Lab}	61.02, 27.11, -17.18
CIE _{LCh}	61, 32.097, 327.631
Yxy	29.2707, 0.3189, 0.2652
Android (android.graphics.Color)	4290085810 (0xFFB583B2)
YUV	151.3080, 13.1592, 26.0399
Hunter-Lab	54.1024, 21.4832, -12.4443

Details

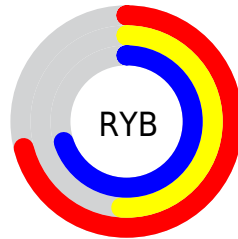
The XYZ color **35.2082, 29.2707, 45.9136** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **30.1882, 39.5951, 28.6074**, and the grayscale version is **29.4890, 31.0247, 33.7860**.

A 20% lighter version of the original color is **67.1253, 58.6430, 85.6232**, and **15.3965, 11.8776, 20.8831** is the 20% darker color. If you saturate the color by 10%, you get **32.8780, 24.7837, 44.6012**, and if you desaturate by 10%, it is **37.9657, 34.6100, 47.3733**.

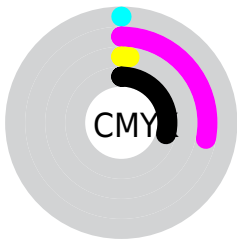
Distribution



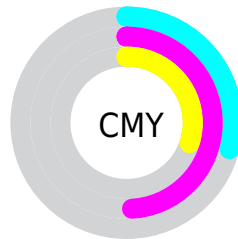
- Red (71%)
- Green (51%)
- Blue (70%)



- Red (71%)
- Yellow (51%)
- Blue (70%)



- Cyan (0%)
- Magenta (28%)
- Yellow (2%)
- Black (29%)




- Cyan (29%)
- Magenta (49%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2082, 29.2707, 45.9136 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 35.2082, 29.2707, 45.9136 by changing the saturation by 10% instead.


 35.2082, 29.2707,
45.9136


 35.2082, 29.2707,
45.9136


316.9783,
298.4901, 386.7287


 23.9906, 19.2857,
31.8295


 67.1401, 58.5069,
85.4226

 15.4513, 11.8769,
20.9675


 88.5850, 78.5269,
111.6846

 9.2251, 6.6599,
12.9093


 114.1698,
102.6607, 142.8429

 4.9466, 3.2503,
7.2361

144.2597,
131.2926, 179.3161

 2.2504, 1.2638,
3.5295

179.2202,
164.8071, 221.5227

 0.7691, 0.1129,
1.3710

219.4165,

 0.0000, 0.0000,

203.5886, 269.8813

0.1189

265.2141,
248.0215, 324.8105

■ 0.0000, 0.0000,
0.0000

■ 35.2082, 29.2707,
45.9136

■ 35.2082, 29.2707,
45.9136

■ 32.8780, 24.7837,
44.6012

■ 37.9657, 34.6100,
47.3733

■ 30.9504, 21.1008,
43.4270

■ 41.1683, 40.8386,
48.9853

■ 29.4021, 18.1753,
42.3834

■ 44.8361, 47.9962,
50.7567

■ 28.2065, 15.9538,
41.4616

■ 48.9871, 56.1188,
52.6934

■ 27.3334, 14.3761,
40.6516

■ 53.6384, 65.2406,
54.8012

■ 26.7479, 13.3720,
39.9416

■ 58.8063, 75.3941,
57.0855

■ 26.3964, 12.8347,
39.3139

■ 63.6371, 84.8722,
59.2618

■ 26.3252, 12.7314,
39.1694

■ 63.7528, 84.9185,
59.8707

■ 63.8693, 84.9651,
60.4841

Harmonies

Analogous

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



31.7336, 29.2707, 57.0429



35.2082, 29.2707, 45.9136



36.6874, 29.2707, 32.8358

Triad

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



35.2082, 29.2707, 45.9136



28.1559, 29.2707, 13.9078



21.2666, 29.2707, 43.8350

Complementary

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



35.2082, 29.2707, 45.9136



30.1882, 39.5951, 28.6074

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.



20.5121, 29.2707, 30.9249



35.2082, 29.2707, 45.9136



24.2438, 29.2707, 15.4677

Square

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



35.2082, 29.2707, 45.9136



32.3686, 29.2707, 16.0652



21.5468, 29.2707, 21.0302



23.7205, 29.2707, 55.6461

Rectangle

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



35.2082, 29.2707, 45.9136



36.2417, 29.2707, 25.3711



21.5468, 29.2707, 21.0302



20.8174, 29.2707, 39.3954

Sweetspot

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



35.2091, 29.2720, 45.9142



73.4176, 72.5302, 87.5763



26.2101, 24.5976, 47.0830



15.6735, 15.2973, 18.8320



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.2091, 29.2720, 45.9142



60.4933, 47.4803, 80.8056



32.9645, 28.3742, 34.0945



8.8276, 8.6377, 10.5904



18.1571, 8.7804, 27.0508



0.5779, 0.2789, 0.8859

Inverse Universe

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



35.2091, 29.2720, 45.9142



60.4933, 47.4803, 80.8056



32.0997, 40.3597, 38.6733



8.8276, 8.6377, 10.5904



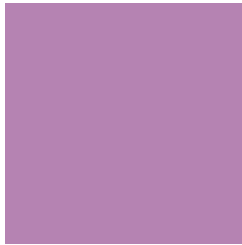
18.1571, 8.7804, 27.0508



0.5779, 0.2789, 0.8859

Previews

White Background



This preview shows how the XYZ color 35.2082, 29.2707, 45.9136 looks on a white background.

Color Contrast Check

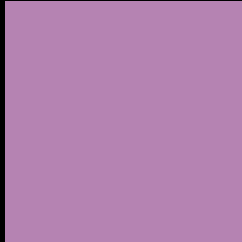
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.2082, 29.2707, 45.9136 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 × Fail

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

XYZ 35.2082, 29.2707, 45.9136

Background



This preview shows how black text looks on a background with the XYZ color 35.2082, 29.2707, 45.9136.



This preview shows how white text looks on a background with the XYZ color 35.2082, 29.2707,

45.9136.

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

35.2082, 29.2707, 45.9136

Protanopia

29.6725, 29.5070, 51.7085

Deuteranopia

30.0225, 29.3770, 45.1623



Tritanopia

32.3436, 29.3450, 31.5632

Trichromacy



Original Color

35.2082, 29.2707, 45.9136

Protanomaly

31.3135, 29.2827, 49.3491

Deuteranomaly

31.6656, 29.1131, 45.5454

Tritanomaly

33.1956, 29.2615, 36.2462

Monochromacy



Original Color

35.2082, 29.2707, 45.9136

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

31.3066, 30.2011, 37.8976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2082, 29.2707, 45.9136 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(181, 131, 178)` looks like.

```
.text, #text, p{  
    color:rgb(181, 131, 178)  
}
```

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(181, 131, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 131, 178) }
```

Border

The CSS property to change the border of an element to XYZ 35.2082, 29.2707, 45.9136 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(181, 131, 178) }
```


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

```
.border{ border-color:rgb(181, 131, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 131, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 131, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 131, 178);  
box-shadow:4px 4px 4px 4px rgb(181, 131,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2082, 29.2707, 45.9136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 131, 178) }
```

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

```
.background{ background-color: rgb(181,  
131, 178) }
```

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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