

Converting Colors

XYZ(35.0092, 29.6746, 46.1087)

Have a look what the booklet for
XYZ(35.0092, 29.6746, 46.1087)
contains.

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Color

**XYZ(35.1514, 29.8483,
46.0281)**

Conversions

Conversions Part 1

Format	Color
Hex	B386B2
RGB	179, 134, 178
RGB Percent	70%, 53%, 70%
CMY	0.2980, 0.4745, 0.3020
CMYK	0.00, 0.25, 0.01, 0.30
HSL	301°, 23%, 61%
HSV	301°, 25%, 70%
XYZ	35.1514, 29.8483, 46.0281
YIQ	152.4710, 12.6960, 23.2240

Conversions

Conversions Part 2

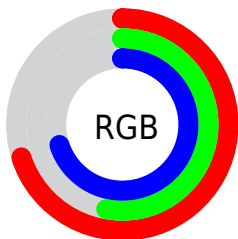
Format	Color
R_{YB}	179, 134, 178
Decimal	11765426
CIE _{Lab}	61.52, 24.75, -16.44
CIE _{LCh}	62, 29.710, 326.402
Yxy	29.8483, 0.3166, 0.2688
Android (android.graphics.Color)	4289955506 (0xFFB386B2)
YUV	152.4710, 12.5858, 23.2659
Hunter-Lab	54.6336, 19.2386, -11.7075

Details

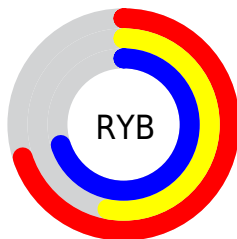
The XYZ color **35.1514, 29.8483, 46.0281** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **30.3260, 39.0587, 28.8641**, and the grayscale version is **29.9928, 31.5548, 34.3631**.

A 20% lighter version of the original color is **67.0955, 59.5691, 85.8036**, and **15.4762, 12.2569, 20.9522** is the 20% darker color. If you saturate the color by 10%, you get **32.8441, 25.2971, 45.0625**, and if you desaturate by 10%, it is **37.8794, 35.2397, 47.1352**.

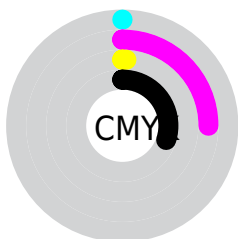
Distribution



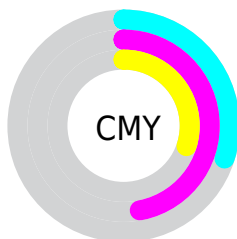
- Red (70%)
- Green (53%)
- Blue (70%)



- Red (70%)
- Yellow (53%)
- Blue (70%)



- Cyan (0%)
- Magenta (25%)
- Yellow (1%)
- Black (30%)





- Cyan (30%)
- Magenta (47%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1514, 29.8483, 46.0281 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 35.1514, 29.8483, 46.0281 by changing the saturation by 10% instead.


 35.1514, 29.8483,
46.0281

 35.1514, 29.8483,
46.0281


316.7324,
301.1967, 387.2025


 23.9466, 19.7235,
31.9192


 67.0527, 59.4222,
85.5958

 15.4185, 12.1942,
21.0355

 88.4799, 79.6400,
111.8916

 9.2019, 6.8761,
12.9584


 114.0453,
103.9910, 143.0868

 4.9312, 3.3847,
7.2695

144.1143,
132.8595, 179.5999

 2.2413, 1.3357,
3.5502

179.0521,
166.6300, 221.8495

 0.7644, 0.1686,
1.3820

219.2241,

 0.0000, 0.0000,

205.6867, 270.2541

0.1276

264.9958,
250.4142, 325.2323

■ 0.0000, 0.0000,
0.0000

■ 35.1514, 29.8483,
46.0281

■ 35.1514, 29.8483,
46.0281

■ 32.8441, 25.2971,
45.0625

■ 37.8794, 35.2397,
47.1352

■ 30.9337, 21.5399,
44.2294

■ 41.0449, 41.5065,
48.3883

■ 29.3982, 18.5324,
43.5219

■ 44.6672, 48.6868,
49.7944

■ 28.2124, 16.2240,
42.9314

■ 48.7637, 56.8151,
51.3590

■ 27.3478, 14.5580,
42.4487

■ 53.3507, 65.9243,
53.0877

■ 26.7718, 13.4690,
42.0627

■ 58.4438, 76.0456,
54.9857

■ 26.4442, 12.8764,
41.7601

■ 62.6692, 84.4313,
56.5950

■ 26.3307, 12.6798,
41.6284

■ 62.7101, 84.4476,
56.8101

■ 62.7510, 84.4640,
57.0258

Harmonies

Analogous

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



31.8696, 29.8483, 56.0330



35.1514, 29.8483, 46.0281



36.6124, 29.8483, 33.8789

Triad

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



35.1514, 29.8483, 46.0281



28.8475, 29.8483, 15.3137



22.1173, 29.8483, 43.1205

Complementary

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



35.1514, 29.8483, 46.0281



30.3260, 39.0587, 28.8641

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.



21.4678, 29.8483, 31.1585



35.1514, 29.8483, 46.0281



25.1363, 29.8483, 16.6962

Square

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



35.1514, 29.8483, 46.0281



32.7668, 29.8483, 17.5839



22.5220, 29.8483, 21.9216



24.3850, 29.8483, 54.1000

Rectangle

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



35.1514, 29.8483, 46.0281



36.2661, 29.8483, 26.7561



22.5220, 29.8483, 21.9216



21.7121, 29.8483, 39.0115

Sweetspot

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



35.1523, 29.8496, 46.0287



71.7256, 70.8031, 85.9601



26.6147, 25.4366, 46.1554



15.6995, 15.3077, 18.9689



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.



35.1523, 29.8496, 46.0287



60.6456, 48.8998, 81.4756



33.0962, 29.0272, 35.2013



8.8417, 8.6434, 10.6649



18.6096, 8.9614, 29.4339



0.5881, 0.2830, 0.9396

Inverse Universe

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



35.1523, 29.8496, 46.0287



60.6456, 48.8998, 81.4756



32.0599, 39.7523, 37.9947



8.8417, 8.6434, 10.6649



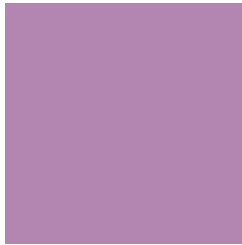
18.6096, 8.9614, 29.4339



0.5881, 0.2830, 0.9396

Previews

White Background



This preview shows how the XYZ color 35.1514, 29.8483, 46.0281 looks on a white background.

Color Contrast Check

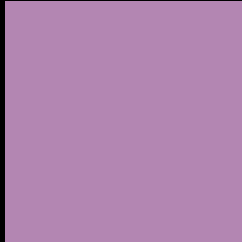
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.1514, 29.8483, 46.0281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

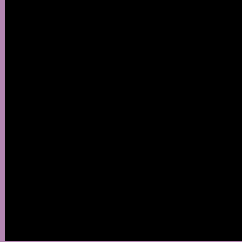
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.1514, 29.8483, 46.0281

Background



This preview shows how black text looks on a background with the XYZ color 35.1514, 29.8483, 46.0281.



This preview shows how white text looks on a background with the XYZ color 35.1514, 29.8483,

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

35.1514, 29.8483, 46.0281

Protanopia

30.0508, 29.9443, 51.2097

Deuteranopia

30.5395, 29.8694, 45.2301



Tritanopia

32.4168, 29.7812, 32.8940

Trichromacy



Original Color

35.1514, 29.8483, 46.0281

Protanomaly

31.6512, 29.6767, 49.4074

Deuteranomaly

32.1586, 29.8011, 45.6522

Tritanomaly

33.1953, 29.6595, 37.2330

Monochromacy



Original Color

35.1514, 29.8483, 46.0281

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.4587, 30.5054, 37.9483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1514, 29.8483, 46.0281 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(179, 134, 178)` looks like.

```
.text, #text, p{  
    color:rgb(179, 134, 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(179, 134, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 134, 178) }
```

Border

The CSS property to change the border of an element to XYZ 35.1514, 29.8483, 46.0281 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(179, 134, 178) }
```


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

```
.border{ border-color:rgb(179, 134, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 134, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 134, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 134, 178);  
box-shadow:4px 4px 4px 4px rgb(179, 134,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1514, 29.8483, 46.0281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 134, 178) }
```

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

```
.background{ background-color: rgb(179,  
134, 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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