

Converting Colors

XYZ(35.4739, 30.2395, 60.2508)

Have a look what the booklet for
XYZ(35.4739, 30.2395, 60.2508)
contains.

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Color

**XYZ(35.6615, 30.4186,
60.4917)**

Conversions

Conversions Part 1

Format	Color
Hex	A789CB
RGB	167, 137, 203
RGB Percent	65%, 54%, 80%
CMY	0.3451, 0.4627, 0.2039
CMYK	0.18, 0.33, 0.00, 0.20
HSL	267°, 39%, 67%
HSV	267°, 33%, 80%
XYZ	35.6615, 30.4186, 60.4917
YIQ	153.4940, -3.3060, 26.8860

Conversions

Conversions Part 2

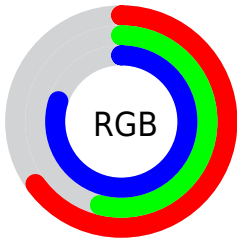
Format	Color
RYB	167, 137, 203
Decimal	10979787
CIELab	62.01, 24.36, -29.91
CIELCh	62, 38.574, 309.162
Yxy	30.4186, 0.2817, 0.2403
Android (android.graphics.Color)	4289169867 (0xFFA789CB)
YUV	153.4940, 24.4065, 11.8448
Hunter-Lab	55.1531, 18.8987, -26.4219

Details

The XYZ color **35.6615, 30.4186, 60.4917** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.1058, 53.4029, 31.7041**, and the grayscale version is **30.3923, 31.9751, 34.8209**.

A 20% lighter version of the original color is **67.1122, 60.1696, 102.6844**, and **15.7724, 12.5637, 30.0275** is the 20% darker color. If you saturate the color by 10%, you get **30.8030, 24.0263, 59.5144**, and if you desaturate by 10%, it is **41.2653, 38.0024, 61.6607**.

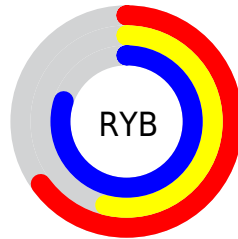
Distribution



Red (65%)

Green (54%)

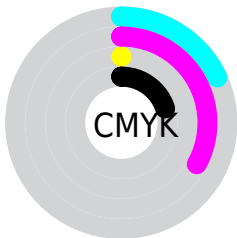
Blue (80%)



Red (65%)

Yellow (54%)

Blue (80%)

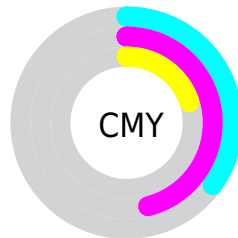


Cyan (18%)

Magenta (33%)

Yellow (0%)

Black (20%)



Cyan (35%)

Magenta (46%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6615, 30.4186, 60.4917 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 35.6615, 30.4186, 60.4917 by changing the saturation by 10% instead.

■ 35.6615, 30.4186,
60.4917

■ 35.6615, 30.4186,
60.4917

318.9357,
303.8508, 444.2627

■ 24.3418, 20.1565,
43.3872

■ 67.8366, 60.3235,
107.0930

■ 15.7135, 12.5089,
29.8554

■ 89.4226, 80.7352,
137.4268

■ 9.4112, 7.0912,
19.4777

■ 115.1615,
105.2989, 173.0075

■ 5.0696, 3.5192,
11.8357

145.4186,
134.3989, 214.2536

■ 2.3233, 1.4084,
6.5107

180.5592,
168.4197, 261.5836

■ 0.8066, 0.2229,
3.0843

220.9486,

■ 0.0000, 0.0000,

207.7457, 315.4161

1.1378

266.9524,
252.7613, 376.1696

■ 0.0000, 0.0000,
0.0000

■ 35.6615, 30.4186,
60.4917

■ 35.6615, 30.4186,
60.4917

■ 30.8030, 24.0263,
59.5144

■ 41.2653, 38.0024,
61.6607

■ 26.6511, 18.7581,
58.7164

■ 47.6441, 46.8328,
63.0289

■ 23.1682, 14.5455,
58.0869

■ 54.8300, 56.9657,
64.6060

■ 20.3113, 11.3108,
57.6131

■ 62.8519, 68.4526,
66.4004

■ 18.0317, 8.9648,
57.2804

■ 71.7375, 81.3422,
68.4200

■ 16.2716, 7.4009,
57.0713

■ 80.2873, 93.2294,
70.2639

■ 15.2205, 6.6012,
56.9723

■ 84.0256, 95.1566,
70.4388

■ 87.7796, 97.0918,
70.6145

Harmonies

Analogous

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



30.5253, 30.4186, 69.9685



35.6615, 30.4186, 60.4917



39.2434, 30.4186, 44.3264

Triad

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



35.6615, 30.4186, 60.4917



32.5977, 30.4186, 12.9895



20.1597, 30.4186, 37.8682

Complementary

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



35.6615, 30.4186, 60.4917



43.1058, 53.4029, 31.7041

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.



20.5744, 30.4186, 23.9831



35.6615, 30.4186, 60.4917



27.3565, 30.4186, 12.2021

Square

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



35.6615, 30.4186, 60.4917



37.3331, 30.4186, 18.1879



23.0728, 30.4186, 15.5753



21.8632, 30.4186, 54.5715

Rectangle

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



35.6615, 30.4186, 60.4917



40.0453, 30.4186, 33.5392



23.0728, 30.4186, 15.5753



20.0608, 30.4186, 32.7057

Sweetspot

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



35.6625, 30.4198, 60.4924



82.5145, 82.2525, 106.1351



36.0982, 39.6336, 62.2478



17.3087, 17.1108, 22.6404



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.



35.6625, 30.4198, 60.4924



53.8845, 43.2297, 100.1119



43.4653, 34.4423, 60.8575



11.0780, 11.0895, 14.1270



9.7884, 4.2536, 36.2614



0.5920, 0.2643, 1.8748

Inverse Universe

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



41.1180, 33.6061, 43.8557



64.6605, 49.5291, 66.9914



36.7381, 50.1203, 31.4061



11.4640, 11.3143, 12.9780



17.5365, 8.8252, 10.5436



0.9427, 0.4705, 0.7440

Previews

White Background



This preview shows how the XYZ color 35.6615, 30.4186, 60.4917 looks on a white background.

Color Contrast Check

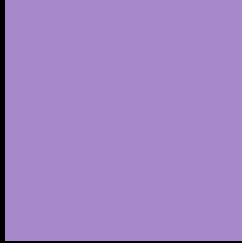
Large Text (above 18pt) WCAG AA × Fail

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 35.6615, 30.4186, 60.4917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

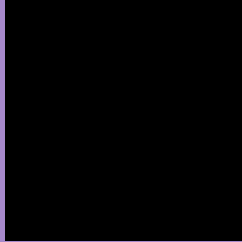
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.6615, 30.4186, 60.4917

Background



This preview shows how black text looks on a background with the XYZ color 35.6615, 30.4186, 60.4917.



This preview shows how white text looks on a background with the XYZ color 35.6615, 30.4186,

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

35.6615, 30.4186, 60.4917

Protanopia

31.5537, 30.6288, 65.8769

Deuteranopia

31.2859, 30.6311, 59.5218



Tritanopia

30.6628, 30.3630, 36.1428

Trichromacy



Original Color

35.6615, 30.4186, 60.4917

Protanomaly

32.6861, 30.3402, 63.8080

Deuteranomaly

32.6666, 30.4138, 60.0259

Tritanomaly

32.3627, 30.3823, 44.2031

Monochromacy



Original Color

35.6615, 30.4186, 60.4917

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.8850, 31.0768, 42.8460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6615, 30.4186, 60.4917 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(167, 137, 203)` looks like.

```
.text, #text, p{  
    color:rgb(167, 137, 203)  
}
```

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(167, 137, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 137, 203) }
```

Border

The CSS property to change the border of an element to XYZ 35.6615, 30.4186, 60.4917 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(167, 137, 203) }
```


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

```
.border{ border-color:rgb(167, 137, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 137, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 137, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 137, 203);  
box-shadow:4px 4px 4px 4px rgb(167, 137,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6615, 30.4186, 60.4917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 137, 203) }
```

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

```
.background{ background-color: rgb(167,  
137, 203) }
```

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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