

Converting Colors

XYZ(35.6530, 30.9496, 57.2050)

Have a look what the booklet for
XYZ(35.6530, 30.9496, 57.2050)
contains.

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Color

**XYZ(35.6728, 30.9315,
56.9135)**

Conversions

Conversions Part 1

Format	Color
Hex	A98BC5
RGB	169, 139, 197
RGB Percent	66%, 55%, 77%
CMY	0.3372, 0.4549, 0.2274
CMYK	0.14, 0.29, 0.00, 0.23
HSL	271°, 33%, 66%
HSV	271°, 29%, 77%
XYZ	35.6728, 30.9315, 56.9135
YIQ	154.5820, -0.7380, 24.3980

Conversions

Conversions Part 2

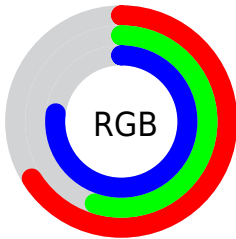
Format	Color
RYB	169, 139, 197
Decimal	11111365
CIELab	62.45, 22.52, -25.85
CIELCh	62, 34.282, 311.061
Yxy	30.9315, 0.2888, 0.2504
Android (android.graphics.Color)	4289301445 (0xFFA98BC5)
YUV	154.5820, 20.9121, 12.6446
Hunter-Lab	55.6161, 17.1638, -21.7418

Details

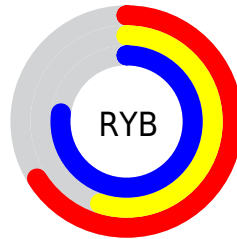
The XYZ color **35.6728, 30.9315, 56.9135** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.5639, 50.0129, 31.9431**, and the grayscale version is **30.8830, 32.4913, 35.3830**.

A 20% lighter version of the original color is **68.0107, 61.3032, 102.0141**, and **15.7328, 12.8409, 27.6359** is the 20% darker color. If you saturate the color by 10%, you get **31.1068, 24.7185, 55.9554**, and if you desaturate by 10%, it is **40.9032, 38.2515, 58.0512**.

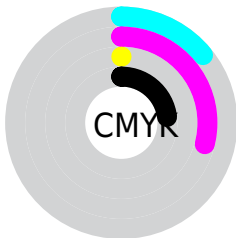
Distribution



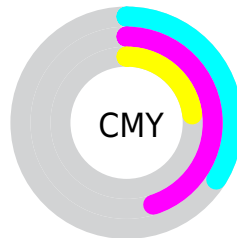
- Red (66%)
- Green (55%)
- Blue (77%)



- Red (66%)
- Yellow (55%)
- Blue (77%)



- Cyan (14%)
- Magenta (29%)
- Yellow (0%)
- Black (23%)



- Cyan (34%)
- Magenta (45%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6728, 30.9315, 56.9135 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 35.6728, 30.9315, 56.9135 by changing the saturation by 10% instead.

■ 35.6728, 30.9315,
56.9135

■ 35.6728, 30.9315,
56.9135

318.9844,
306.2226, 430.6098

■ 24.3505, 20.5467,
40.5269

■ 67.8539, 61.1322,
101.8380

■ 15.7200, 12.7931,
27.6327

■ 89.4435, 81.7169,
131.2131

■ 9.4158, 7.2862,
17.8123

■ 115.1862,
106.4703, 165.7546

■ 5.0727, 3.6417,
10.6473

145.4474,
135.7769, 205.8813

■ 2.3252, 1.4752,
5.7190

180.5925,
170.0211, 252.0116

■ 0.8075, 0.2712,
2.6090

220.9868,

■ 0.0000, 0.0000,

209.5871, 304.5641

0.8971

266.9956,
254.8595, 363.9573

■ 0.0000, 0.0000,
0.0000

■ 35.6728, 30.9315,
56.9135

■ 35.6728, 30.9315,
56.9135

■ 31.1068, 24.7185,
55.9554

■ 40.9032, 38.2515,
58.0512

■ 27.1714, 19.5519,
55.1656

■ 46.8237, 46.7273,
59.3752

■ 23.8343, 15.3708,
54.5344

■ 53.4619, 56.4095,
60.8941

■ 21.0584, 12.1064,
54.0506

■ 60.8432, 67.3443,
62.6157

■ 18.8021, 9.6804,
53.7013

■ 68.9916, 79.5756,
64.5472

■ 17.0169, 8.0010,
53.4712

■ 77.2226, 91.7306,
66.4595

■ 15.6181, 6.9050,
53.3334

■ 80.2896, 93.3116,
66.6030

■ 15.5457, 6.8499,
53.3266

■ 83.5245, 94.9793,
66.7544

■ 86.9301, 96.7349,
66.9138

Harmonies

Analogous

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



31.1486, 30.9315, 65.5821



35.6728, 30.9315, 56.9135



38.6941, 30.9315, 42.6932

Triad

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



35.6728, 30.9315, 56.9135



32.3982, 30.9315, 14.7998



21.4680, 30.9315, 38.8350

Complementary

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



35.6728, 30.9315, 56.9135



40.5639, 50.0129, 31.9431

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.



21.7269, 30.9315, 26.0326



35.6728, 30.9315, 56.9135



27.7171, 30.9315, 14.2797

Square

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



35.6728, 30.9315, 56.9135



36.6702, 30.9315, 19.5029



23.9084, 30.9315, 17.8251



23.1595, 30.9315, 53.4564

Rectangle

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



35.6728, 30.9315, 56.9135



39.2766, 30.9315, 33.2072



23.9084, 30.9315, 17.8251



21.3348, 30.9315, 34.1556

Sweetspot

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



35.6738, 30.9328, 56.9142



84.2013, 84.1802, 106.4183



34.5515, 37.1711, 58.1775



17.6690, 17.5073, 22.6979



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.



35.6738, 30.9328, 56.9142



58.7670, 48.3857, 100.8498



42.2270, 34.3238, 56.6445



10.5712, 10.5527, 13.3972



10.3219, 4.5554, 35.0796



0.5721, 0.2587, 1.6649

Inverse Universe

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



39.2347, 33.1269, 40.8870



66.3193, 53.0370, 66.9578



35.3460, 47.3147, 32.0693



10.8436, 10.7208, 12.1597



16.5488, 8.3691, 8.1000



0.8202, 0.4109, 0.5761

Previews

White Background



This preview shows how the XYZ color 35.6728, 30.9315, 56.9135 looks on a white background.

Color Contrast Check

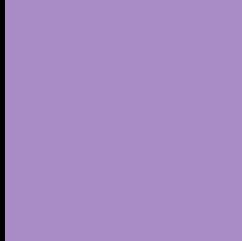
Large Text (above 18pt) WCAG AA × Fail

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 35.6728, 30.9315, 56.9135 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 35.6728, 30.9315, 56.9135

Background



This preview shows how black text looks on a background with the XYZ color 35.6728, 30.9315, 56.9135.



This preview shows how white text looks on a background with the XYZ color 35.6728, 30.9315,

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

35.6728, 30.9315, 56.9135

Protanopia

31.7586, 31.0536, 62.0777

Deuteranopia

31.5956, 30.8707, 55.9231



Tritanopia

31.7095, 31.1226, 36.6837

Trichromacy



Original Color

35.6728, 30.9315, 56.9135

Protanomaly

32.8187, 30.7181, 60.0766

Deuteranomaly

33.0381, 30.9117, 56.4498

Tritanomaly

32.9367, 30.9244, 43.2628

Monochromacy



Original Color

35.6728, 30.9315, 56.9135

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.5003, 31.8708, 42.4689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6728, 30.9315, 56.9135 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(169, 139, 197)` looks like.

```
.text, #text, p{  
    color:rgb(169, 139, 197)  
}
```

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(169, 139, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 139, 197) }
```

Border

The CSS property to change the border of an element to XYZ 35.6728, 30.9315, 56.9135 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(169, 139, 197) }
```


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

```
.border{ border-color:rgb(169, 139, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 139, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 139, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 139, 197);  
box-shadow:4px 4px 4px 4px rgb(169, 139,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6728, 30.9315, 56.9135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 139, 197) }
```

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

```
.background{ background-color: rgb(169,  
139, 197) }
```

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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