

Converting Colors

XYZ(34.3957, 29.3632, 59.3911)

Have a look what the booklet for
XYZ(34.3957, 29.3632, 59.3911)
contains.

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Color

**XYZ(34.3108, 29.3315,
59.1115)**

Conversions

Conversions Part 1

Format	Color
Hex	A387C9
RGB	163, 135, 201
RGB Percent	64%, 53%, 79%
CMY	0.3608, 0.4706, 0.2118
CMYK	0.19, 0.33, 0.00, 0.21
HSL	265°, 38%, 66%
HSV	265°, 33%, 79%
XYZ	34.3108, 29.3315, 59.1115
YIQ	150.8960, -4.4980, 26.4620

Conversions

Conversions Part 2

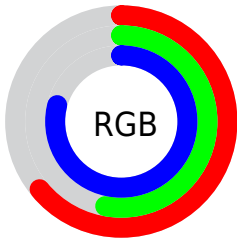
Format	Color
RYB	163, 135, 201
Decimal	10717129
CIELab	61.07, 23.80, -30.27
CIELCh	61, 38.508, 308.179
Yxy	29.3315, 0.2795, 0.2389
Android (android.graphics.Color)	4288907209 (0xFFA387C9)
YUV	150.8960, 24.7013, 10.6152
Hunter-Lab	54.1586, 18.3067, -26.8012

Details

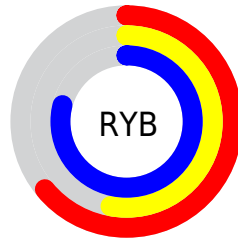
The XYZ color **34.3108, 29.3315, 59.1115** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.4943, 52.4075, 30.7989**, and the grayscale version is **29.2709, 30.7953, 33.5361**.

A 20% lighter version of the original color is **65.2466, 58.2465, 102.4116**, and **14.9454, 11.9186, 29.1166** is the 20% darker color. If you saturate the color by 10%, you get **29.5047, 23.0769, 58.1580**, and if you desaturate by 10%, it is **39.8652, 36.7590, 60.2529**.

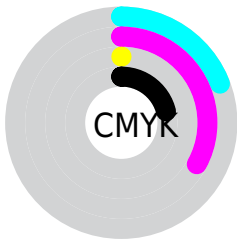
Distribution



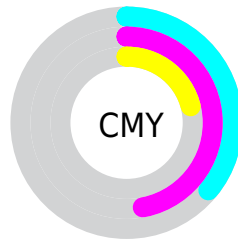
- Red (64%)
- Green (53%)
- Blue (79%)



- Red (64%)
- Yellow (53%)
- Blue (79%)



- Cyan (19%)
- Magenta (33%)
- Yellow (0%)
- Black (21%)



- Cyan (36%)
- Magenta (47%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3108, 29.3315, 59.1115 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 34.3108, 29.3315, 59.1115 by changing the saturation by 10% instead.

■ 34.3108, 29.3315,
59.1115

■ 34.3108, 29.3315,
59.1115

313.0773,
298.7759, 439.0284

■ 23.2965, 19.3317,
42.2823

■ 65.7578, 58.6034,
105.0704

■ 14.9345, 11.9102,
28.9952

■ 86.9212, 78.6443,
135.0372

■ 8.8594, 6.6826,
18.8316

■ 112.1983,
102.8010, 170.2202

■ 4.7060, 3.2644,
11.3731

141.9545,
131.4579, 211.0381

■ 2.1088, 1.2713,
6.2011

176.5551,
164.9995, 257.9093

■ 0.6940, 0.1188,
2.8970

216.3656,

■ 0.0000, 0.0000,

203.8101, 311.2524

1.0423

261.7512,
248.2741, 371.4859

■ 0.0000, 0.0000,
0.0000

■ 34.3108, 29.3315,
59.1115

■ 34.3108, 29.3315,
59.1115

■ 29.5047, 23.0769,
58.1580

■ 39.8652, 36.7590,
60.2529

■ 25.4082, 17.9290,
57.3803

■ 46.1979, 45.4139,
61.5897

■ 21.9835, 13.8202,
56.7677

■ 53.3410, 55.3513,
63.1313

■ 19.1874, 10.6738,
56.3078

■ 61.3237, 66.6219,
64.8860

■ 16.9711, 8.4017,
55.9860

■ 70.1736, 79.2738,
66.8616

■ 15.2768, 6.8988,
55.7852

■ 79.7242, 92.9665,
69.0012

■ 14.3138, 6.1611,
55.6936

■ 83.6151, 94.9723,
69.1833

■ 87.5427, 96.9971,
69.3671

Harmonies

Analogous

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



29.2808, 29.3315, 68.0559



34.3108, 29.3315, 59.1115



37.8820, 29.3315, 43.4088

Triad

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



34.3108, 29.3315, 59.1115



31.6397, 29.3315, 12.4740



19.3416, 29.3315, 36.0522

Complementary

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



34.3108, 29.3315, 59.1115



42.4943, 52.4075, 30.7989

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.



19.8124, 29.3315, 22.6885



34.3108, 29.3315, 59.1115



26.5221, 29.3315, 11.5840

Square

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



34.3108, 29.3315, 59.1115



36.2149, 29.3315, 17.6656



22.3053, 29.3315, 14.7059



20.9313, 29.3315, 52.3567

Rectangle

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



34.3108, 29.3315, 59.1115



38.7344, 29.3315, 32.8273



22.3053, 29.3315, 14.7059



19.2682, 29.3315, 31.0630

Sweetspot

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



34.3118, 29.3327, 59.1122



82.2511, 82.1167, 106.1228



35.5749, 39.4482, 60.9981



17.2451, 17.0780, 22.6374



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.



34.3118, 29.3327, 59.1122



53.0834, 42.8167, 100.0744



41.8425, 33.2149, 59.4646



10.4761, 10.5037, 13.3928



9.0998, 3.9254, 35.0224



0.5132, 0.2283, 1.6622

Inverse Universe

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



40.2951, 32.7637, 43.7365



65.0392, 49.6806, 68.9856



36.1604, 49.1423, 30.5025



10.8855, 10.7376, 12.3804



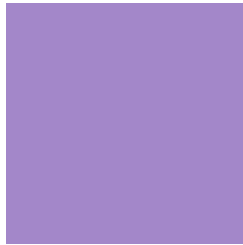
17.1640, 8.6152, 11.3396



0.8484, 0.4222, 0.7248

Previews

White Background



This preview shows how the XYZ color 34.3108, 29.3315, 59.1115 looks on a white background.

Color Contrast Check

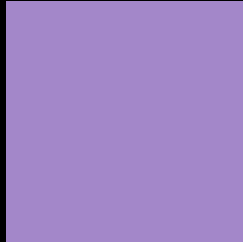
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3108, 29.3315, 59.1115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

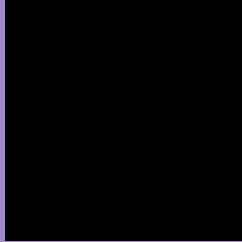
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.3108, 29.3315, 59.1115

Background



This preview shows how black text looks on a background with the XYZ color 34.3108, 29.3315, 59.1115.



This preview shows how white text looks on a background with the XYZ color 34.3108, 29.3315,

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

34.3108, 29.3315, 59.1115

Protanopia

30.5361, 29.4434, 64.3953

Deuteranopia

30.1071, 29.3609, 58.1132



Tritanopia

29.4072, 29.2816, 35.1123

Trichromacy



Original Color

34.3108, 29.3315, 59.1115

Protanomaly

31.6500, 29.1687, 62.3545

Deuteranomaly

31.4518, 29.1492, 58.6122

Tritanomaly

31.0718, 29.2974, 43.0470

Monochromacy



Original Color

34.3108, 29.3315, 59.1115

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.8044, 30.0839, 41.7193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3108, 29.3315, 59.1115 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(163, 135, 201)` looks like.

```
.text, #text, p{  
    color:rgb(163, 135, 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(163, 135, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 135, 201) }
```

Border

The CSS property to change the border of an element to XYZ 34.3108, 29.3315, 59.1115 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(163, 135, 201) }
```


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

```
.border{ border-color:rgb(163, 135, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 135, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 135, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 135, 201); box-shadow:4px 4px 4px 4px rgb(163, 135, 201) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3108, 29.3315, 59.1115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 135, 201) }
```

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

```
.background{ background-color: rgb(163,  
135, 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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