

Converting Colors

XYZ(34.3073, 29.3105, 60.0405)

Have a look what the booklet for
XYZ(34.3073, 29.3105, 60.0405)
contains.

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Color

**XYZ(34.3438, 29.3211,
60.3493)**

Conversions

Conversions Part 1

Format	Color
Hex	A287CB
RGB	162, 135, 203
RGB Percent	64%, 53%, 80%
CMY	0.3647, 0.4706, 0.2039
CMYK	0.20, 0.33, 0.00, 0.20
HSL	264°, 40%, 66%
HSV	264°, 33%, 80%
XYZ	34.3438, 29.3211, 60.3493
YIQ	150.8250, -5.7360, 26.8720

Conversions

Conversions Part 2

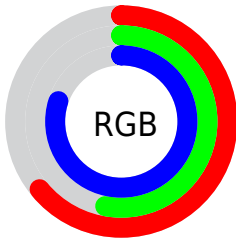
Format	Color
RYB	162, 135, 203
Decimal	10651595
CIELab	61.06, 23.96, -31.42
CIElCh	61, 39.509, 307.326
Yxy	29.3211, 0.2769, 0.2364
Android (android.graphics.Color)	4288841675 (0xFFA287CB)
YUV	150.8250, 25.7223, 9.8005
Hunter-Lab	54.1490, 18.4524, -28.1747

Details

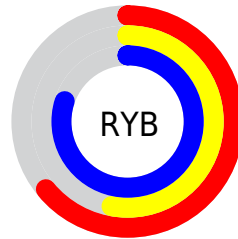
The XYZ color **34.3438, 29.3211, 60.3493** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.6343, 53.6918, 30.9866**, and the grayscale version is **29.2368, 30.7594, 33.4970**.

A 20% lighter version of the original color is **64.9467, 58.0919, 102.3975**, and **14.9800, 11.9181, 29.9447** is the 20% darker color. If you saturate the color by 10%, you get **29.4106, 22.9672, 59.3834**, and if you desaturate by 10%, it is **40.0610, 36.8821, 61.5079**.

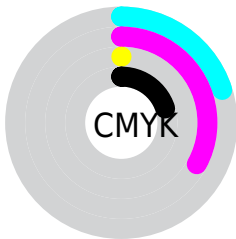
Distribution



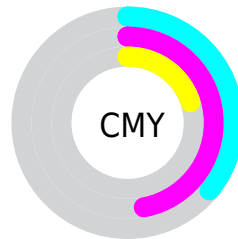
- Red (64%)
- Green (53%)
- Blue (80%)



- Red (64%)
- Yellow (53%)
- Blue (80%)



- Cyan (20%)
- Magenta (33%)
- Yellow (0%)
- Black (20%)



- Cyan (36%)
- Magenta (47%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3438, 29.3211, 60.3493 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 34.3438, 29.3211, 60.3493 by changing the saturation by 10% instead.

■ 34.3438, 29.3211,
60.3493

■ 34.3438, 29.3211,
60.3493

313.2213,
298.7270, 443.7244

■ 23.3220, 19.3239,
43.2731

■ 65.8087, 58.5869,
106.8845

■ 14.9534, 11.9045,
29.7665

■ 86.9825, 78.6242,
137.1807

■ 8.8728, 6.6787,
19.4109

■ 112.2710,
102.7770, 172.7205

■ 4.7148, 3.2620,
11.7877

142.0395,
131.4296, 213.9226

■ 2.1139, 1.2700,
6.4785

176.6535,
164.9666, 261.2055

■ 0.6968, 0.1178,
3.0647

216.4782,

■ 0.0000, 0.0000,

203.7722, 314.9877

1.1278

261.8790,
248.2309, 375.6879

■ 0.0000, 0.0000,
0.0000

■ 34.3438, 29.3211,
60.3493

■ 34.3438, 29.3211,
60.3493

■ 29.4106, 22.9672,
59.3834

■ 40.0610, 36.8821,
61.5079

■ 25.2207, 17.7518,
58.5975

■ 46.5942, 45.7067,
62.8669

■ 21.7342, 13.6045,
57.9808

■ 53.9770, 55.8521,
64.4360


■ 18.9053, 10.4455,
57.5201


■ 62.2404, 67.3710,
66.2238


■ 16.6825, 8.1831,
57.2006


■ 71.4135, 80.3129,
68.2384

 15.0043, 6.7073,
57.0042

 80.9461, 93.5690,
70.2947

 14.1391, 6.0437,
56.9217

 85.1376, 95.7298,
70.4908

 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.



29.1562, 29.3211, 69.3222



34.3438, 29.3211, 60.3493



38.0883, 29.3211, 44.2105

Triad

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



34.3438, 29.3211, 60.3493



31.8806, 29.3211, 12.1980



19.1236, 29.3211, 35.6968

Complementary

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



34.3438, 29.3211, 60.3493



43.6343, 53.6918, 30.9866

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.



19.6634, 29.3211, 22.1576



34.3438, 29.3211, 60.3493



26.6199, 29.3211, 11.1905

Square

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



34.3438, 29.3211, 60.3493



36.5479, 29.3211, 17.5836



22.2636, 29.3211, 14.2118



20.6856, 29.3211, 52.4948

Rectangle

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



34.3438, 29.3211, 60.3493



39.0291, 29.3211, 33.2728



22.2636, 29.3211, 14.2118



19.0689, 29.3211, 30.6155

Sweetspot

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



34.3448, 29.3223, 60.3500



82.0159, 81.9955, 106.1117



36.4810, 40.8816, 62.4685



17.1883, 17.0487, 22.6348



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.



34.3448, 29.3223, 60.3500



51.5614, 41.4058, 99.8823



41.9671, 33.2517, 60.7067



11.0162, 11.0577, 14.1241



9.0942, 3.8958, 36.2289



0.5540, 0.2447, 1.8730

Inverse Universe

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



41.1298, 33.1600, 45.3077



64.8327, 48.9231, 69.9792



37.0461, 50.2955, 30.6783



11.4916, 11.3254, 13.1232



17.9707, 8.9989, 12.8302



0.9639, 0.4789, 0.8555

Previews

White Background



This preview shows how the XYZ color 34.3438, 29.3211, 60.3493 looks on a white background.

Color Contrast Check

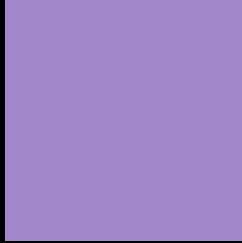
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3438, 29.3211, 60.3493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

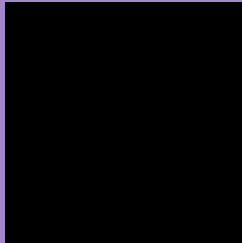
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.3438, 29.3211, 60.3493

Background



This preview shows how black text looks on a background with the XYZ color 34.3438, 29.3211, 60.3493.



This preview shows how white text looks on a background with the XYZ color 34.3438, 29.3211,

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

34.3438, 29.3211, 60.3493

Protanopia

30.6357, 29.4660, 65.7008

Deuteranopia

30.0281, 29.2931, 59.3298



Tritanopia

29.3004, 29.2168, 35.5476

Trichromacy



Original Color

34.3438, 29.3211, 60.3493

Protanomaly

31.7253, 29.1793, 63.6346

Deuteranomaly

31.3409, 29.0648, 59.8353

Tritanomaly

30.9723, 29.2350, 43.5457

Monochromacy



Original Color

34.3438, 29.3211, 60.3493

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.8987, 30.1216, 42.2157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3438, 29.3211, 60.3493 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(162, 135, 203)` looks like.

```
.text, #text, p{  
    color:rgb(162, 135, 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(162, 135, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 135, 203) }
```

Border

The CSS property to change the border of an element to XYZ 34.3438, 29.3211, 60.3493 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(162, 135, 203) }
```


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

```
.border{ border-color:rgb(162, 135, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 135, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 135, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 135, 203);  
box-shadow:4px 4px 4px 4px rgb(162, 135,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3438, 29.3211, 60.3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 135, 203) }
```

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

```
.background{ background-color: rgb(162,  
135, 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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