

Converting Colors

XYZ(34.5872, 30.5611, 58.1088)

Have a look what the booklet for
XYZ(34.5872, 30.5611, 58.1088)
contains.

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Color

**XYZ(34.5872, 30.5611,
58.1088)**

Conversions

Conversions Part 1

Format	Color
Hex	A28CC7
RGB	162, 140, 199
RGB Percent	64%, 55%, 78%
CMY	0.3647, 0.4510, 0.2196
CMYK	0.19, 0.30, 0.00, 0.22
HSL	262°, 35%, 66%
HSV	262°, 30%, 78%
XYZ	34.5872, 30.5611, 58.1088
YIQ	153.3040, -5.8270, 23.0130

Conversions

Conversions Part 2

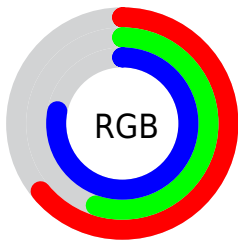
Format	Color
R_{YB}	162, 140, 199
Decimal	10652871
CIE _{Lab}	62.14, 20.18, -27.51
CIE _{LCh}	62, 34.117, 306.257
Yxy	30.5611, 0.2806, 0.2479
Android (android.graphics.Color)	4288842951 (0xFFA28CC7)
YUV	153.3040, 22.5281, 7.6264
Hunter-Lab	55.2821, 14.9347, -23.6242

Details

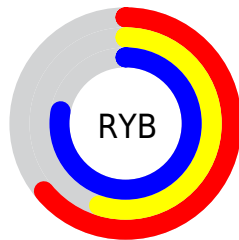
The XYZ color **34.5872, 30.5611, 58.1088** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.2895, 52.0882, 32.5847**, and the grayscale version is **30.3183, 31.8972, 34.7360**.

A 20% lighter version of the original color is **65.9571, 60.5553, 102.8198**, and **15.0737, 12.6079, 28.4272** is the 20% darker color. If you saturate the color by 10%, you get **29.5277, 24.0202, 57.1134**, and if you desaturate by 10%, it is **40.4261, 38.2859, 59.2926**.

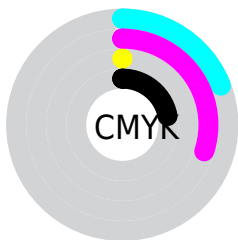
Distribution



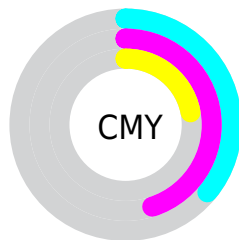
- Red (64%)
- Green (55%)
- Blue (78%)



- Red (64%)
- Yellow (55%)
- Blue (78%)



- Cyan (19%)
- Magenta (30%)
- Yellow (0%)
- Black (22%)



- Cyan (36%)
- Magenta (45%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5872, 30.5611, 58.1088 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 34.5872, 30.5611, 58.1088 by changing the saturation by 10% instead.

■ 34.5872, 30.5611,
58.1088

■ 34.5872, 30.5611,
58.1088

314.2825,
304.5112, 435.2008

■ 23.5101, 20.2649,
41.4808

■ 66.1840, 60.5484,
103.5976

■ 15.0934, 12.5877,
28.3725

■ 87.4344, 81.0083,
133.2956

■ 8.9717, 7.1453,
18.3651

■ 112.8067,
105.6248, 168.1873

■ 4.7797, 3.5531,
11.0403

142.6661,
134.7824, 208.6912

■ 2.1520, 1.4269,
5.9794

177.3780,
168.8654, 255.2260

■ 0.7173, 0.2364,
2.7640

217.3078,

■ 0.0000, 0.0000,

208.2583, 308.2102

0.9754

262.8209,
253.3454, 368.0623

■ 0.0000, 0.0000,
0.0000

■ 34.5872, 30.5611,
58.1088

■ 34.5872, 30.5611,
58.1088

■ 29.5277, 24.0202,
57.1134

■ 40.4261, 38.2859,
59.2926

■ 25.2091, 18.5989,
56.2946

■ 47.0747, 47.2468,
60.6718

■ 21.5935, 14.2325,
55.6424

■ 54.5652, 57.4976,
62.2556

■ 18.6386, 10.8478,
55.1448

■ 62.9270, 69.0876,
64.0520

■ 16.2965, 8.3620,
54.7885

■ 72.1882, 82.0636,
66.0685

■ 14.5118, 6.6776,
54.5574

■ 80.9543, 93.6276,
67.8386

■ 13.1903, 5.6203,
54.4230

■ 85.2647, 95.8497,
68.0403

■ 13.1485, 5.5875,
54.4188

■ 87.3089, 96.9036,
68.1359

Harmonies

Analogous

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



30.0202, 30.5611, 65.2644



34.5872, 30.5611, 58.1088



37.9003, 30.5611, 44.5282

Triad

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



34.5872, 30.5611, 58.1088



32.7486, 30.5611, 15.0841



21.1263, 30.5611, 36.1081

Complementary

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



34.5872, 30.5611, 58.1088



43.2895, 52.0882, 32.5847

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.



21.6931, 30.5611, 24.0994



34.5872, 30.5611, 58.1088



28.0958, 30.5611, 13.9405

Square

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



34.5872, 30.5611, 58.1088



36.7630, 30.5611, 20.4516



24.1332, 30.5611, 16.7693



22.4947, 30.5611, 50.5790

Rectangle

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



34.5872, 30.5611, 58.1088



38.7766, 30.5611, 34.9536



24.1332, 30.5611, 16.7693



21.0990, 30.5611, 31.6527

Sweetspot

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



34.5882, 30.5623, 58.1095



83.0625, 83.5931, 106.3650



36.9197, 41.2894, 60.0571



17.3890, 17.3630, 22.6848



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.



34.5882, 30.5623, 58.1095



54.3214, 45.4139, 100.5105



41.2072, 33.9746, 58.4193



10.4241, 10.4769, 13.3903



8.5442, 3.6390, 34.9964



0.4845, 0.2135, 1.6608

Inverse Universe

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



40.8680, 34.0738, 46.0191



67.3933, 52.7337, 74.8728



37.3467, 49.0246, 32.3066



10.9089, 10.7469, 12.5035



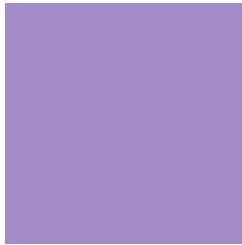
17.5608, 8.7739, 13.4287



0.8657, 0.4291, 0.8160

Previews

White Background



This preview shows how the XYZ color 34.5872, 30.5611, 58.1088 looks on a white background.

Color Contrast Check

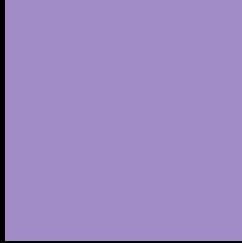
Large Text (above 18pt) WCAG AA × Fail

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 34.5872, 30.5611, 58.1088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

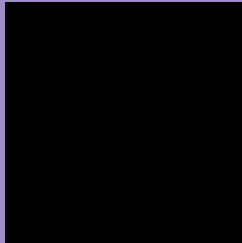
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.5872, 30.5611, 58.1088

Background



This preview shows how black text looks on a background with the XYZ color 34.5872, 30.5611, 58.1088.



This preview shows how white text looks on a background with the XYZ color 34.5872, 30.5611,

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

34.5872, 30.5611, 58.1088

Protanopia

31.4409, 30.6559, 62.0177

Deuteranopia

31.3154, 30.7000, 57.0985



Tritanopia

30.3655, 30.6516, 37.1168

Trichromacy



Original Color

34.5872, 30.5611, 58.1088

Protanomaly

32.4065, 30.4919, 60.6774

Deuteranomaly

32.3511, 30.5311, 57.6141

Tritanomaly

31.8659, 30.5759, 44.2666

Monochromacy



Original Color

34.5872, 30.5611, 58.1088

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.5559, 31.1500, 42.3796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5872, 30.5611, 58.1088 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, 140, 199)` looks like.

```
.text, #text, p{  
    color:rgb(162, 140, 199)  
}
```

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, 140, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 140, 199) }
```

Border

The CSS property to change the border of an element to XYZ 34.5872, 30.5611, 58.1088 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, 140, 199) }
```


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

```
.border{ border-color:rgb(162, 140, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 140, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 140, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 140, 199);  
box-shadow:4px 4px 4px 4px rgb(162, 140,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5872, 30.5611, 58.1088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 140, 199) }
```

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

```
.background{ background-color: rgb(162,  
140, 199) }
```

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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