

Converting Colors

XYZ(28.9300, 34.9939, 62.3565)

Have a look what the booklet for
XYZ(28.9300, 34.9939, 62.3565)
contains.

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Color

**XYZ(28.9300, 34.9939,
62.3565)**

Conversions

Conversions Part 1

Format	Color
Hex	54AACC
RGB	84, 170, 204
RGB Percent	33%, 67%, 80%
CMY	0.6706, 0.3333, 0.2000
CMYK	0.59, 0.17, 0.00, 0.20
HSL	197°, 54%, 56%
HSV	197°, 59%, 80%
XYZ	28.9300, 34.9939, 62.3565
YIQ	148.1620, -62.1700, -7.6580

Conversions

Conversions Part 2

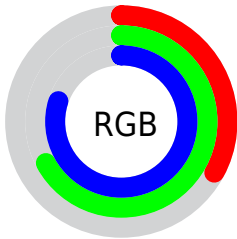
Format	Color
RYB	84, 134, 204
Decimal	5548748
CIELab	65.74, -16.01, -25.15
CIELCh	66, 29.812, 237.522
Yxy	34.9939, 0.2291, 0.2771
Android (android.graphics.Color)	4283738828 (0xFF54AACC)
YUV	148.1620, 27.5281, -56.2701
Hunter-Lab	59.1556, -16.2272, -21.0892

Details

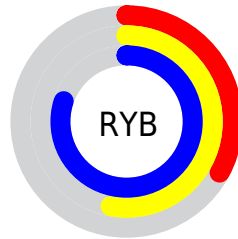
The XYZ color **28.9300, 34.9939, 62.3565** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **32.9817, 26.4358, 11.7532**, and the grayscale version is **28.1244, 29.5891, 32.2225**.

A 20% lighter version of the original color is **56.3029, 66.9101, 104.5552**, and **11.9835, 15.1589, 31.1485** is the 20% darker color. If you saturate the color by 10%, you get **26.3034, 32.0671, 61.9307**, and if you desaturate by 10%, it is **32.1382, 38.2926, 62.8248**.

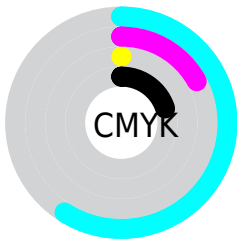
Distribution



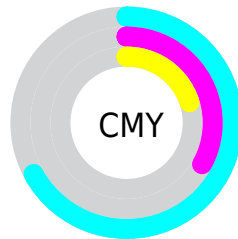
- Red (33%)
- Green (67%)
- Blue (80%)



- Red (33%)
- Yellow (53%)
- Blue (80%)



- Cyan (59%)
- Magenta (17%)
- Yellow (0%)
- Black (20%)



- Cyan (67%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9300, 34.9939, 62.3565 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 28.9300, 34.9939, 62.3565 by changing the saturation by 10% instead.

■ 28.9300, 34.9939,
62.3565

■ 28.9300, 34.9939,
62.3565

288.8847,
324.5414, 451.2738

■ 19.1719, 23.6582,
44.8832

■ 57.3642, 67.4763,
109.8172

■ 11.8993, 15.0802,
31.0231

■ 76.7710, 89.3918,
140.6416

■ 6.7468, 8.8757,
20.3579

■ 100.1247,
115.6027, 176.7535

■ 3.3492, 4.6602,
12.4688

■ 127.7907,
146.4933, 218.5714

■ 1.3410, 2.0493,
6.9374

160.1343,
182.4481, 266.5139

■ 0.2136, 0.6359,
3.3451

197.5210,

■ 0.0000, 0.0000,

223.8514, 320.9994

1.2734

240.3160,
271.0877, 382.4465

■ 0.0000, 0.0000,
0.0399

■ 0.0000, 0.0000,
0.0000

■ 28.9300, 34.9939,
62.3565

■ 28.9300, 34.9939,
62.3565

■ 26.3034, 32.0671,
61.9307

■ 32.1382, 38.2926,
62.8248

■ 24.2066, 29.4827,
61.5423

■ 35.9670, 41.9821,
63.3351

■ 22.5842, 27.2116,
61.1895

■ 40.4559, 46.0845,
63.8904

■ 21.3447, 25.2060,
60.8677

■ 45.6399, 50.6185,
64.4923

■ 21.2090, 24.9793,
60.8311

■ 51.5517, 55.6018,
65.1426

■ 58.2216, 61.0509,
65.8428

■ 65.6781, 66.9814,
66.5945

■ 73.9484, 73.4079,
67.3991

■ 78.2666, 77.8745,
68.0336

Harmonies

Analogous

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



26.3211, 34.9939, 50.4032



28.9300, 34.9939, 62.3565



32.8970, 34.9939, 67.7238

Triad

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



28.9300, 34.9939, 62.3565



42.4286, 34.9939, 39.1573



29.5099, 34.9939, 20.4304

Complementary

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



28.9300, 34.9939, 62.3565



32.9817, 26.4358, 11.7532

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.



33.6270, 34.9939, 18.6911



28.9300, 34.9939, 62.3565



41.3238, 34.9939, 27.9858

Square

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



28.9300, 34.9939, 62.3565



40.9034, 34.9939, 52.6166



38.0033, 34.9939, 21.1281



26.6346, 34.9939, 26.5377

Rectangle

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



28.9300, 34.9939, 62.3565



35.8679, 34.9939, 66.1236



38.0033, 34.9939, 21.1281



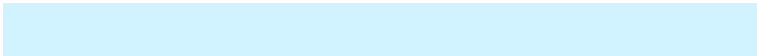
30.7830, 34.9939, 19.3833

Sweetspot

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



28.9311, 34.9952, 62.3573



76.1234, 84.2911, 106.8654



28.5202, 46.3795, 24.5901



15.7211, 17.5490, 22.8087



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.



28.9311, 34.9952, 62.3573



42.3923, 51.7182, 102.3560



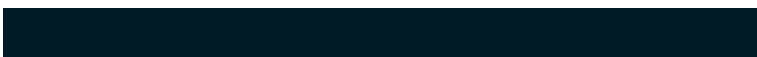
20.1325, 17.3978, 59.4245



11.2642, 12.1689, 14.3255



13.4316, 15.8871, 38.3149



0.7554, 0.9445, 1.9974

Inverse Universe

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



35.3289, 22.0816, 40.4316



54.5488, 30.4962, 59.9510



42.4235, 45.3194, 14.9004



11.5467, 11.3474, 13.4137



18.9905, 9.4068, 18.2006



1.0112, 0.4979, 1.1049

Previews

White Background



This preview shows how the XYZ color 28.9300, 34.9939, 62.3565 looks on a white background.

Color Contrast Check

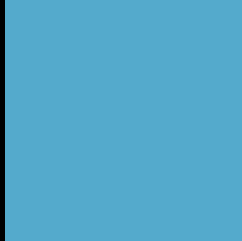
Large Text (above 18pt) WCAG AA × Fail

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 28.9300, 34.9939, 62.3565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

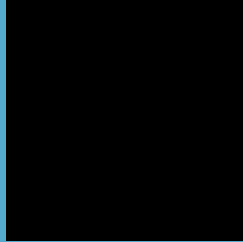
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.9300, 34.9939, 62.3565

Background



This preview shows how black text looks on a background with the XYZ color 28.9300, 34.9939, 62.3565.

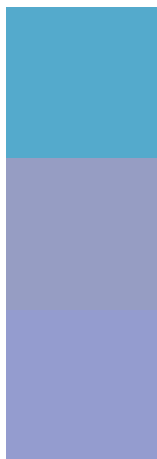


This preview shows how white text looks on a background with the XYZ color 28.9300, 34.9939,

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

28.9300, 34.9939, 62.3565

Protanopia

34.4850, 34.5381, 56.4787

Deuteranopia

35.3637, 34.5778, 63.8418



Tritanopia

26.9738, 35.0528, 52.3579

Trichromacy



Original Color

28.9300, 34.9939, 62.3565

Protanomaly

31.7176, 34.3535, 58.3853

Deuteranomaly

32.3429, 34.3059, 63.3096

Tritanomaly

27.6864, 35.0608, 55.7603

Monochromacy



Original Color

28.9300, 34.9939, 62.3565

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.4138, 30.9641, 41.5776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9300, 34.9939, 62.3565 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(84, 170, 204)` looks like.

```
.text, #text, p{  
    color:rgb(84, 170, 204)  
}
```

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(84, 170, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 170, 204) }
```

Border

The CSS property to change the border of an element to XYZ 28.9300, 34.9939, 62.3565 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(84, 170, 204) }
```


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

```
.border{ border-color:rgb(84, 170, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 170, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 170, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 170, 204);  
box-shadow:4px 4px 4px 4px rgb(84, 170,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9300, 34.9939, 62.3565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 170, 204) }
```

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

```
.background{ background-color: rgb(84, 170,  
204) }
```

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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