

Converting Colors

XYZ(28.5555, 35.1350, 59.9203)

Have a look what the booklet for
XYZ(28.5555, 35.1350, 59.9203)
contains.

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Color

**XYZ(28.5555, 35.1350,
59.9203)**

Conversions

Conversions Part 1

Format	Color
Hex	53ABC8
RGB	83, 171, 200
RGB Percent	33%, 67%, 78%
CMY	0.6745, 0.3294, 0.2157
CMYK	0.58, 0.14, 0.00, 0.22
HSL	195°, 52%, 55%
HSV	195°, 58%, 78%
XYZ	28.5555, 35.1350, 59.9203
YIQ	147.9940, -61.7570, -9.6370

Conversions

Conversions Part 2

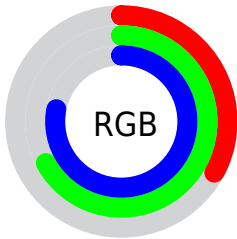
Format	Color
R _Y B	83, 133, 200
Decimal	5483464
CIE Lab	65.85, -17.94, -22.77
CIE LCh	66, 28.987, 231.766
Yxy	35.1350, 0.2310, 0.2842
Android (android.graphics.Color)	4283673544 (0xFF53ABC8)
YUV	147.9940, 25.6390, -56.9997
Hunter-Lab	59.2748, -17.7389, -18.4433

Details

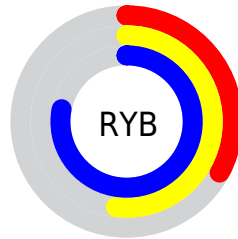
The XYZ color **28.5555, 35.1350, 59.9203** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **31.1758, 24.4933, 11.2692**, and the grayscale version is **28.0619, 29.5233, 32.1508**.

A 20% lighter version of the original color is **56.4017, 67.3635, 104.6375**, and **11.7851, 15.2690, 29.5202** is the 20% darker color. If you saturate the color by 10%, you get **26.1202, 32.5161, 59.5438**, and if you desaturate by 10%, it is **31.5371, 38.0890, 60.3340**.

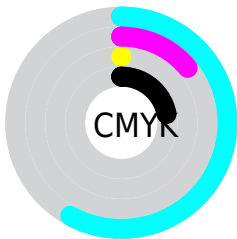
Distribution



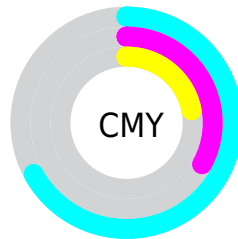
- Red (33%)
- Green (67%)
- Blue (78%)



- Red (33%)
- Yellow (52%)
- Blue (78%)



- Cyan (58%)
- Magenta (14%)
- Yellow (0%)
- Black (22%)



- Cyan (67%)
- Magenta (33%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5555, 35.1350, 59.9203 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 28.5555, 35.1350, 59.9203 by changing the saturation by 10% instead.

■ 28.5555, 35.1350,
59.9203

■ 28.5555, 35.1350,
59.9203

287.1440,
325.1638, 442.1004

■ 18.8874, 23.7669,
42.9295

■ 56.7726, 67.6949,
106.2563

■ 11.6925, 15.1608,
29.4988

■ 76.0523, 89.6554,
136.4386

■ 6.6053, 8.9323,
19.2097

■ 99.2665, 115.9155,
171.8551

■ 3.2607, 4.6971,
11.6435

■ 126.7808,
146.8596, 212.9244

■ 1.2931, 2.0706,
6.3819

158.9603,
182.8721, 260.0651

■ 0.1780, 0.6480,
3.0061

196.1704,

■ 0.0000, 0.0000,

224.3374, 313.6956

1.0978

238.7765,
271.6398, 374.2345

■ 0.0000, 0.0000,
0.0000

■ 28.5555, 35.1350,
59.9203

■ 28.5555, 35.1350,
59.9203

■ 26.1202, 32.5161,
59.5438

■ 31.5371, 38.0890,
60.3340

■ 24.1823, 30.2045,
59.1998

■ 35.1017, 41.3956,
60.7844

■ 22.6894, 28.1734,
58.8864

■ 39.2866, 45.0752,
61.2740

■ 21.5577, 26.3789,
58.5997

■ 44.1250, 49.1455,
61.8046

■ 21.4004, 26.1202,
58.5580

■ 49.6476, 53.6228,
62.3778

■ 55.8831, 58.5224,
62.9949

■ 62.8586, 63.8589,
63.6572

■ 70.5997, 69.6458,
64.3662

■ 76.1234, 74.3461,
64.9824

Harmonies

Analogous

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



26.3191, 35.1350, 47.6800



28.5555, 35.1350, 59.9203



32.2298, 35.1350, 66.6496

Triad

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



28.5555, 35.1350, 59.9203



42.2212, 35.1350, 41.7322



30.4346, 35.1350, 20.2743

Complementary

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



28.5555, 35.1350, 59.9203



31.1758, 24.4933, 11.2692

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.



34.5874, 35.1350, 19.3473



28.5555, 35.1350, 59.9203



41.6369, 35.1350, 30.1636

Square

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



28.5555, 35.1350, 59.9203



40.2863, 35.1350, 54.7775



38.7520, 35.1350, 22.5665



27.3377, 35.1350, 25.4434

Rectangle

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



28.5555, 35.1350, 59.9203



35.1015, 35.1350, 66.2849



38.7520, 35.1350, 22.5665



31.7443, 35.1350, 19.5080

Sweetspot

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



28.5566, 35.1363, 59.9211



76.6103, 85.2648, 107.0277



27.0533, 44.2807, 21.9600



15.8409, 17.7885, 22.8486



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.



28.5566, 35.1363, 59.9211



44.3044, 55.2452, 102.9360



20.0336, 18.0902, 57.0801



10.7155, 11.6050, 13.5927



13.6807, 16.7554, 37.2574



0.7024, 0.9026, 1.7823

Inverse Universe

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



34.2643, 21.4072, 40.8556



55.5865, 31.1890, 64.5591



39.5324, 41.2065, 14.0547



10.9664, 10.7700, 12.8064



18.7047, 9.2315, 19.4528



0.9132, 0.4481, 1.0663

Previews

White Background



This preview shows how the XYZ color 28.5555, 35.1350, 59.9203 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 28.5555, 35.1350, 59.9203 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

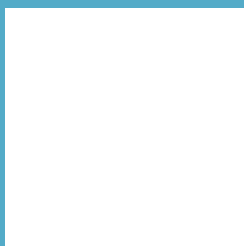
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.5555, 35.1350, 59.9203

Background



This preview shows how black text looks on a background with the XYZ color 28.5555, 35.1350, 59.9203.

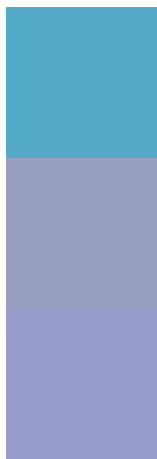


This preview shows how white text looks on a background with the XYZ color 28.5555, 35.1350,

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

28.5555, 35.1350, 59.9203

Protanopia

34.5797, 34.8907, 54.2022

Deuteranopia

35.4305, 34.6680, 61.3241



Tritanopia

27.0551, 35.0947, 52.3617

Trichromacy



Original Color

28.5555, 35.1350, 59.9203

Protanomaly

31.5872, 34.6015, 56.0529

Deuteranomaly

32.0097, 34.1896, 60.7893

Tritanomaly

27.5752, 35.0163, 55.1746

Monochromacy



Original Color

28.5555, 35.1350, 59.9203

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.1757, 30.8520, 41.0819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5555, 35.1350, 59.9203 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(83, 171, 200)` looks like.

```
.text, #text, p{  
    color:rgb(83, 171, 200)  
}
```

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(83, 171, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 171, 200) }
```

Border

The CSS property to change the border of an element to XYZ 28.5555, 35.1350, 59.9203 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(83, 171, 200) }
```


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

```
.border{ border-color:rgb(83, 171, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 171, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 171, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 171, 200);  
box-shadow:4px 4px 4px 4px rgb(83, 171,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5555, 35.1350, 59.9203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 171, 200) }
```

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

```
.background{ background-color: rgb(83, 171,  
200) }
```

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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