

Converting Colors

XYZ(33.4453, 33.1102, 60.1688)

Have a look what the booklet for
XYZ(33.4453, 33.1102, 60.1688)
contains.

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Color

**XYZ(33.4259, 33.1679,
59.8986)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9AC9
RGB	143, 154, 201
RGB Percent	56%, 60%, 79%
CMY	0.4392, 0.3961, 0.2118
CMYK	0.29, 0.23, 0.00, 0.21
HSL	229°, 35%, 67%
HSV	229°, 29%, 79%
XYZ	33.4259, 33.1679, 59.8986
YIQ	156.0690, -21.6430, 12.2850

Conversions

Conversions Part 2

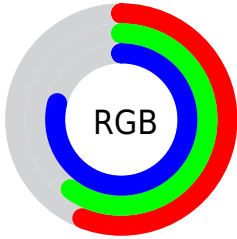
Format	Color
RYB	143, 152, 201
Decimal	9411273
CIELab	64.30, 6.82, -25.43
CIElCh	64, 26.332, 285.012
Yxy	33.1679, 0.2643, 0.2622
Android (android.graphics.Color)	4287601353 (0xFF8F9AC9)
YUV	156.0690, 22.1510, -11.4615
Hunter-Lab	57.5916, 2.8154, -21.3510

Details

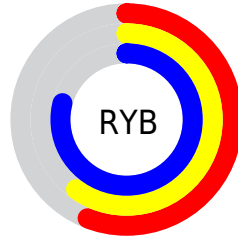
The XYZ color **33.4259, 33.1679, 59.8986** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.4593, 51.2279, 33.3742**, and the grayscale version is **31.5428, 33.1855, 36.1390**.

A 20% lighter version of the original color is **63.8946, 64.3375, 103.6585**, and **14.4311, 14.0312, 29.5515** is the 20% darker color. If you saturate the color by 10%, you get **27.7449, 26.5163, 58.9147**, and if you desaturate by 10%, it is **40.0973, 40.8731, 61.0348**.

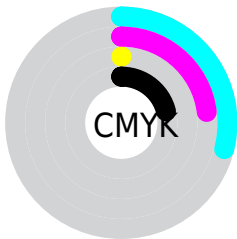
Distribution



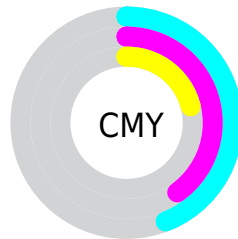
- Red (56%)
- Green (60%)
- Blue (79%)



- Red (56%)
- Yellow (60%)
- Blue (79%)



- Cyan (29%)
- Magenta (23%)
- Yellow (0%)
- Black (21%)



- Cyan (44%)
- Magenta (40%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.4259, 33.1679, 59.8986 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 33.4259, 33.1679, 59.8986 by changing the saturation by 10% instead.

■ 33.4259, 33.1679,
59.8986

■ 33.4259, 33.1679,
59.8986

309.1957,
316.4056, 442.0182

■ 22.6137, 22.2551,
42.9121

■ 64.3901, 64.6376,
106.2245

■ 14.4277, 14.0445,
29.4853

■ 85.2729, 85.9632,
136.4010

■ 8.5024, 8.1516,
19.1995

110.2432,
111.5286, 171.8113

■ 4.4726, 4.1921,
11.6363

139.6664,
141.7182, 212.8739

■ 1.9728, 1.7816,
6.3770

173.9079,
176.9163, 260.0073

■ 0.6186, 0.4757,
3.0032

213.3331,

■ 0.0000, 0.0000,

217.5073, 313.6302

1.0963

258.3072,
263.8756, 374.1609

■ 0.0000, 0.0000,
0.0000

■ 33.4259, 33.1679,
59.8986

■ 33.4259, 33.1679,
59.8986

■ 27.7449, 26.5163,
58.9147

■ 40.0973, 40.8731,
61.0348

■ 23.0031, 20.8679,
58.0744

■ 47.8005, 49.6713,
62.3270

■ 19.1496, 16.1743,
57.3715

■ 56.5783, 59.6049,
63.7818

■ 16.1274, 12.3810,
56.7986

■ 66.4702, 70.7125,
65.4044

■ 13.8723, 9.4281,
56.3475

■ 77.5137, 83.0313,
67.2001

■ 12.3102, 7.2475,
56.0090

■ 86.5082, 94.9280,
69.0223

■ 11.3300, 5.7488,
55.7713

■ 87.5427, 96.9971,
69.3672

■ 11.2398, 5.6112,
55.7495

Harmonies

Analogous

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



29.7007, 33.1679, 59.9019



33.4259, 33.1679, 59.8986



36.8929, 33.1679, 52.7293

Triad

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



33.4259, 33.1679, 59.8986



36.8904, 33.1679, 23.4122



25.0727, 33.1679, 31.0428

Complementary

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



33.4259, 33.1679, 59.8986



47.4593, 51.2279, 33.3742

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.



26.7050, 33.1679, 23.4170



33.4259, 33.1679, 59.8986



33.4227, 33.1679, 19.6414

Square

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



33.4259, 33.1679, 59.8986



38.9982, 33.1679, 31.0350



29.6978, 33.1679, 19.6430



25.0734, 33.1679, 41.7194

Rectangle

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



33.4259, 33.1679, 59.8986



38.5071, 33.1679, 45.5373



29.6978, 33.1679, 19.6430



25.4426, 33.1679, 28.0900

Sweetspot

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



33.4270, 33.1692, 59.8994



81.4565, 84.6074, 106.6454



41.4439, 51.3051, 56.0913



16.9958, 17.6096, 22.7532



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.



33.4270, 33.1692, 59.8994



50.5907, 49.0343, 101.4059



34.9433, 31.3779, 59.4737



10.2168, 10.6076, 13.4265



7.1176, 3.6291, 35.0697



0.3874, 0.2725, 1.6773

Inverse Universe

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



39.7435, 34.3965, 35.1177



63.3446, 51.8471, 51.2931



45.5168, 53.8981, 33.9920



10.7147, 10.6693, 11.4809



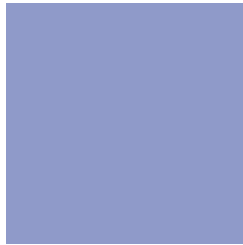
15.3920, 7.9063, 2.0080



0.7542, 0.3845, 0.2289

Previews

White Background



This preview shows how the XYZ color 33.4259, 33.1679, 59.8986 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 33.4259, 33.1679, 59.8986 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 33.4259, 33.1679, 59.8986

Background



This preview shows how black text looks on a background with the XYZ color 33.4259, 33.1679, 59.8986.



This preview shows how white text looks on a background with the XYZ color 33.4259, 33.1679,

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

33.4259, 33.1679, 59.8986

Protanopia

33.4259, 33.1679, 59.8986

Deuteranopia

33.7879, 33.1105, 59.8685



Tritanopia

30.1611, 33.0932, 43.8277

Trichromacy



Original Color

33.4259, 33.1679, 59.8986

Protanomaly

33.4259, 33.1679, 59.8986

Deuteranomaly

33.6109, 33.0193, 59.8602

Tritanomaly

31.2517, 33.0218, 49.5265

Monochromacy



Original Color

33.4259, 33.1679, 59.8986

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.9302, 33.0006, 43.7166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4259, 33.1679, 59.8986 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(143, 154, 201)` looks like.

```
.text, #text, p{  
    color:rgb(143, 154, 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(143, 154, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 154, 201) }
```

Border

The CSS property to change the border of an element to XYZ 33.4259, 33.1679, 59.8986 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(143, 154, 201) }
```


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

```
.border{ border-color:rgb(143, 154, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 154, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 154, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 154, 201);  
box-shadow:4px 4px 4px 4px rgb(143, 154,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4259, 33.1679, 59.8986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 154, 201) }
```

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

```
.background{ background-color: rgb(143,  
154, 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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