

Converting Colors

XYZ(33.5732, 34.7703, 58.9775)

Have a look what the booklet for
XYZ(33.5732, 34.7703, 58.9775)
contains.

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Color

**XYZ(33.5271, 34.7541,
58.9740)**

Conversions

Conversions Part 1

Format	Color
Hex	8BA0C7
RGB	139, 160, 199
RGB Percent	55%, 63%, 78%
CMY	0.4549, 0.3725, 0.2196
CMYK	0.30, 0.20, 0.00, 0.22
HSL	219°, 35%, 66%
HSV	219°, 30%, 78%
XYZ	33.5271, 34.7541, 58.9740
YIQ	158.1670, -25.0350, 7.6770

Conversions

Conversions Part 2

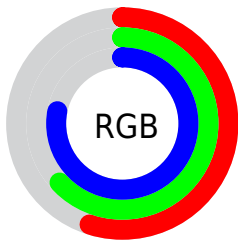
Format	Color
R _Y B	139, 155, 199
Decimal	9150663
CIE Lab	65.56, 1.75, -22.41
CIE LCh	66, 22.481, 274.452
Yxy	34.7541, 0.2635, 0.2731
Android (android.graphics.Color)	4287340743 (0xFF8BA0C7)
YUV	158.1670, 20.1307, -16.8095
Hunter-Lab	58.9526, -1.6518, -18.0447

Details

The XYZ color **33.5271, 34.7541, 58.9740** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.1344, 45.8476, 30.9506**, and the grayscale version is **32.4957, 34.1880, 37.2307**.

A 20% lighter version of the original color is **64.5986, 67.2902, 104.1913**, and **14.5100, 15.0078, 28.9201** is the 20% darker color. If you saturate the color by 10%, you get **28.3751, 28.9415, 58.1242**, and if you desaturate by 10%, it is **39.5194, 41.3479, 59.9315**.

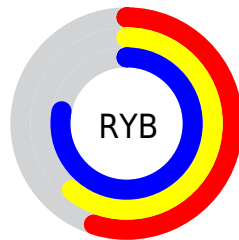
Distribution



Red (55%)

Green (63%)

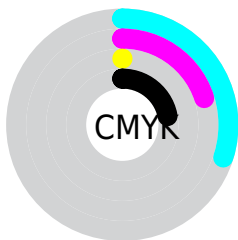
Blue (78%)



Red (55%)

Yellow (61%)

Blue (78%)

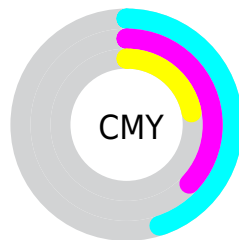


Cyan (30%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (45%)

Magenta (37%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5271, 34.7541, 58.9740 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 33.5271, 34.7541, 58.9740 by changing the saturation by 10% instead.

■ 33.5271, 34.7541,
58.9740

■ 33.5271, 34.7541,
58.9740

309.6414,
323.4816, 438.5048

■ 22.6917, 23.4735,
42.1723

■ 64.5468, 67.1047,
104.8686

■ 14.4855, 14.9435,
28.9097

■ 85.4618, 88.9434,
134.7986

■ 8.5430, 8.7798,
18.7675

■ 110.4674,
115.0704, 169.9419

■ 4.4991, 4.5978,
11.3273

139.9289,
145.8699, 210.7168

■ 1.9882, 2.0133,
6.1705

174.2117,
181.7264, 257.5420

■ 0.6273, 0.6152,
2.8786

213.6811,

■ 0.0000, 0.0000,

223.0242, 310.8361

1.0330

258.7026,
270.1478, 371.0175

■ 0.0000, 0.0000,
0.0000

■ 33.5271, 34.7541,
58.9740

■ 33.5271, 34.7541,
58.9740

■ 28.3751, 28.9415,
58.1242

■ 39.5194, 41.3479,
59.9315

■ 24.0203, 23.8748,
57.3757

■ 46.3860, 48.7480,
60.9980

■ 20.4201, 19.5219,
56.7253

■ 54.1626, 56.9834,
62.1777

■ 17.5269, 15.8466,
56.1684

■ 62.8822, 66.0804,
63.4740

■ 15.2867, 12.8086,
55.7001

■ 72.5761, 76.0640,
64.8901

■ 13.6365, 10.3624,
55.3149

■ 82.0106, 86.3069,
66.3699

■ 12.4774, 8.4606,
55.0089

■ 85.9047, 94.0950,
67.6680

■ 87.3089, 96.9036,
68.1360

Harmonies

Analogous

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



30.3743, 34.7541, 56.6922



33.5271, 34.7541, 58.9740



36.7492, 34.7541, 54.8676

Triad

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



33.5271, 34.7541, 58.9740



38.5390, 34.7541, 28.4743



27.6385, 34.7541, 30.5411

Complementary

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



33.5271, 34.7541, 58.9740



44.1344, 45.8476, 30.9506

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.



29.5757, 34.7541, 24.7613



33.5271, 34.7541, 58.9740



35.8419, 34.7541, 23.7145

Square

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



33.5271, 34.7541, 58.9740



39.7624, 34.7541, 36.4499



32.5432, 34.7541, 22.4772



27.1087, 34.7541, 39.2677

Rectangle

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



33.5271, 34.7541, 58.9740



38.4620, 34.7541, 49.4046



32.5432, 34.7541, 22.4772



28.1401, 34.7541, 28.2396

Sweetspot

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



33.5282, 34.7555, 58.9748



82.5294, 86.7531, 107.0030



39.0076, 49.5109, 49.0965



17.2585, 18.1352, 22.8408



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.



33.5282, 34.7555, 58.9748



52.7847, 54.2065, 102.2886



31.5751, 28.7930, 57.9269



10.3553, 10.8846, 13.4727



8.0980, 5.5899, 35.3965



0.4514, 0.4007, 1.6987

Inverse Universe

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



39.1319, 33.1465, 37.5946



64.2606, 51.4806, 58.3762



46.5703, 53.7880, 32.3548



10.7846, 10.6972, 11.8490



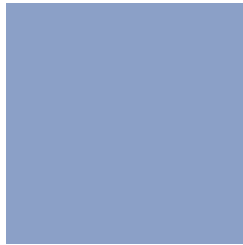
15.8868, 8.1043, 4.6139



0.7866, 0.3975, 0.3992

Previews

White Background



This preview shows how the XYZ color 33.5271, 34.7541, 58.9740 looks on a white background.

Color Contrast Check

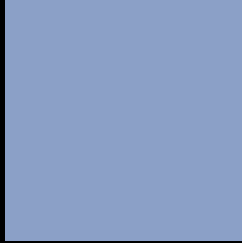
Large Text (above 18pt) WCAG AA × Fail

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 33.5271, 34.7541, 58.9740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

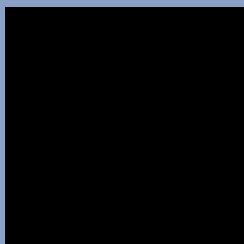
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.5271, 34.7541, 58.9740

Background



This preview shows how black text looks on a background with the XYZ color 33.5271, 34.7541, 58.9740.



This preview shows how white text looks on a background with the XYZ color 33.5271, 34.7541,

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

33.5271, 34.7541, 58.9740

Protanopia

34.5294, 34.5347, 57.6693

Deuteranopia

35.4507, 34.7194, 59.4766



Tritanopia

31.0428, 34.7936, 46.6747

Trichromacy



Original Color

33.5271, 34.7541, 58.9740

Protanomaly

34.0970, 34.5507, 58.2979

Deuteranomaly

34.6950, 34.5800, 59.4896

Tritanomaly

32.0075, 34.9314, 50.9544

Monochromacy



Original Color

33.5271, 34.7541, 58.9740

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.7035, 34.3927, 44.4500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5271, 34.7541, 58.9740 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(139, 160, 199)` looks like.

```
.text, #text, p{  
    color:rgb(139, 160, 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(139, 160, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 160, 199) }
```

Border

The CSS property to change the border of an element to XYZ 33.5271, 34.7541, 58.9740 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(139, 160, 199) }
```


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

```
.border{ border-color:rgb(139, 160, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 160, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 160, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 160, 199);  
box-shadow:4px 4px 4px 4px rgb(139, 160,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5271, 34.7541, 58.9740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 160, 199) }
```

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

```
.background{ background-color: rgb(139,  
160, 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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