

Converting Colors

XYZ(33.1579, 33.4073, 53.9909)

Have a look what the booklet for
XYZ(33.1579, 33.4073, 53.9909)
contains.

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Color

**XYZ(33.1579, 33.4073,
53.9909)**

Conversions

Conversions Part 1

Format	Color
Hex	939BBF
RGB	147, 155, 191
RGB Percent	58%, 61%, 75%
CMY	0.4235, 0.3921, 0.2510
CMYK	0.23, 0.19, 0.00, 0.25
HSL	229°, 26%, 66%
HSV	229°, 23%, 75%
XYZ	33.1579, 33.4073, 53.9909
YIQ	156.7120, -16.3240, 9.5000

Conversions

Conversions Part 2

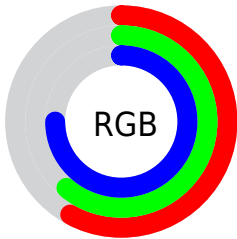
Format	Color
R_{YB}	147, 154, 191
Decimal	9673663
CIE _{Lab}	64.49, 5.04, -19.53
CIE _{LCh}	64, 20.167, 284.485
Yxy	33.4073, 0.2750, 0.2771
Android (android.graphics.Color)	4287863743 (0xFF939BBF)
YUV	156.7120, 16.9040, -8.5174
Hunter-Lab	57.7990, 1.2527, -14.9243

Details

The XYZ color **33.1579, 33.4073, 53.9909** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.6862, 47.0500, 34.3836**, and the grayscale version is **31.8511, 33.5098, 36.4922**.

A 20% lighter version of the original color is **63.9461, 64.8729, 97.1471**, and **14.2895, 14.1936, 25.6534** is the 20% darker color. If you saturate the color by 10%, you get **27.5787, 26.9177, 53.0329**, and if you desaturate by 10%, it is **39.6445, 40.8659, 55.0892**.

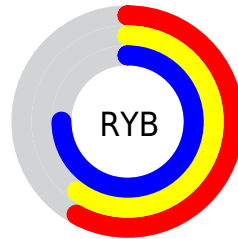
Distribution



Red (58%)

Green (61%)

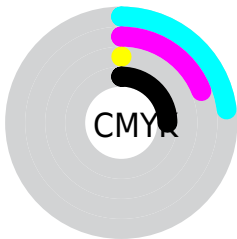
Blue (75%)



Red (58%)

Yellow (60%)

Blue (75%)

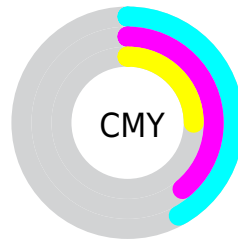


Cyan (23%)

Magenta (19%)

Yellow (0%)

Black (25%)



Cyan (42%)

Magenta (39%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1579, 33.4073, 53.9909 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 33.1579, 33.4073, 53.9909 by changing the saturation by 10% instead.

■ 33.1579, 33.4073,
53.9909

■ 33.1579, 33.4073,
53.9909

308.0131,
317.4811, 419.2489

■ 22.4072, 22.4386,
38.2013

■ 63.9750, 65.0109,
97.5172

■ 14.2747, 14.1796,
25.8359

■ 84.7722, 86.4146,
126.0908

■ 8.3950, 8.2457,
16.4762

109.6489,
112.0655, 159.7630

■ 4.4026, 4.2525,
9.7038

138.9705,
142.3480, 198.9521

■ 1.9323, 1.8158,
5.1000

173.1023,
177.6464, 244.0767

■ 0.5955, 0.4970,
2.2463

212.4098,

■ 0.0000, 0.0000,

218.3451, 295.5553

0.7009

257.2583,
264.8285, 353.8066

■ 0.0000, 0.0000,
0.0000

■ 33.1579, 33.4073,
53.9909

■ 33.1579, 33.4073,
53.9909

■ 27.5787, 26.9177,
53.0329

■ 39.6445, 40.8659,
55.0892

■ 22.8627, 21.3530,
52.2074

■ 47.0735, 49.3272,
56.3309

■ 18.9671, 16.6715,
51.5091

■ 55.4821, 58.8281,
57.7216

■ 15.8438, 12.8268,
50.9316

■ 64.9042, 69.4027,
59.2661

■ 13.4395, 9.7681,
50.4679

■ 75.3724, 81.0833,
60.9689

■ 11.6940, 7.4387,
50.1103

■ 84.4467, 92.6269,
62.7188

■ 10.5366, 5.7737,
49.8499

■ 86.4041, 96.5416,
63.3712

■ 9.9973, 4.9481,
49.7190

Harmonies

Analogous

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



30.2944, 33.4073, 53.8950



33.1579, 33.4073, 53.9909



35.7929, 33.4073, 48.9023

Triad

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



33.1579, 33.4073, 53.9909



35.8692, 33.4073, 26.3557



26.7104, 33.4073, 32.2957

Complementary

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



33.1579, 33.4073, 53.9909



43.6862, 47.0500, 34.3836

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.



28.0284, 33.4073, 26.1934



33.1579, 33.4073, 53.9909



33.2570, 33.4073, 23.1342

Square

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



33.1579, 33.4073, 53.9909



37.4213, 33.4073, 32.5507



30.3876, 33.4073, 23.0797



26.6874, 33.4073, 40.4874

Rectangle

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



33.1579, 33.4073, 53.9909



37.0166, 33.4073, 43.6423



30.3876, 33.4073, 23.0797



27.0130, 33.4073, 29.9626

Sweetspot

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



33.1590, 33.4086, 53.9917



78.6782, 81.9481, 99.9499



39.2044, 46.8815, 51.7468



17.0974, 17.7906, 21.9181



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.1590, 33.4086, 53.9917



53.7863, 53.3380, 95.7395



34.5230, 32.2000, 53.6865



9.1531, 9.4985, 12.0232



6.6135, 3.3386, 32.6888



0.3025, 0.2176, 1.2949

Inverse Universe

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



37.8368, 34.3112, 35.6403



63.7896, 55.4631, 56.4530



42.0446, 48.7238, 34.7932



9.5991, 9.5640, 10.2780



14.3389, 7.3667, 1.8125



0.5836, 0.2973, 0.1864

Previews

White Background



This preview shows how the XYZ color 33.1579, 33.4073, 53.9909 looks on a white background.

Color Contrast Check

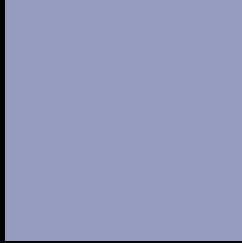
Large Text (above 18pt) WCAG AA × Fail

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 33.1579, 33.4073, 53.9909 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 33.1579, 33.4073, 53.9909

Background



This preview shows how black text looks on a background with the XYZ color 33.1579, 33.4073, 53.9909.



This preview shows how white text looks on a background with the XYZ color 33.1579, 33.4073,

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

33.1579, 33.4073, 53.9909

Protanopia

33.3381, 33.5002, 53.9993

Deuteranopia

34.1216, 33.4141, 53.9414



Tritanopia

30.9052, 33.2336, 43.3139

Trichromacy



Original Color

33.1579, 33.4073, 53.9909

Protanomaly

33.3381, 33.5002, 53.9993

Deuteranomaly

33.7221, 33.4521, 53.9698

Tritanomaly

31.5945, 33.2576, 46.8736

Monochromacy



Original Color

33.1579, 33.4073, 53.9909

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.1868, 33.4138, 42.2892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1579, 33.4073, 53.9909 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(147, 155, 191)` looks like.

```
.text, #text, p{  
    color:rgb(147, 155, 191)  
}
```

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(147, 155, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 155, 191) }
```

Border

The CSS property to change the border of an element to XYZ 33.1579, 33.4073, 53.9909 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(147, 155, 191) }
```


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

```
.border{ border-color:rgb(147, 155, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 155, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 155, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 155, 191);  
box-shadow:4px 4px 4px 4px rgb(147, 155,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1579, 33.4073, 53.9909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 155, 191) }
```

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

```
.background{ background-color: rgb(147,  
155, 191) }
```

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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