

Converting Colors

XYZ(32.9534, 32.0009, 57.8660)

Have a look what the booklet for
XYZ(32.9534, 32.0009, 57.8660)
contains.

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Color

**XYZ(32.9534, 32.0009,
57.8660)**

Conversions

Conversions Part 1

Format	Color
Hex	9296C6
RGB	146, 150, 198
RGB Percent	57%, 59%, 78%
CMY	0.4274, 0.4118, 0.2235
CMYK	0.26, 0.24, 0.00, 0.22
HSL	235°, 31%, 67%
HSV	235°, 26%, 78%
XYZ	32.9534, 32.0009, 57.8660
YIQ	154.2760, -17.7920, 14.0800

Conversions

Conversions Part 2

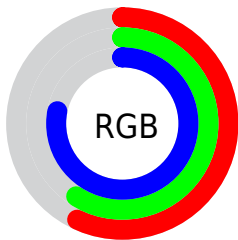
Format	Color
R_{YB}	146, 150, 198
Decimal	9606854
CIE Lab	63.34, 9.26, -25.20
CIE LCh	63, 26.848, 290.171
Yxy	32.0009, 0.2683, 0.2606
Android (android.graphics.Color)	4287796934 (0xFF9296C6)
YUV	154.2760, 21.5559, -7.2581
Hunter-Lab	56.5693, 4.9855, -21.0505

Details

The XYZ color **32.9534, 32.0009, 57.8660** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.7691, 52.6647, 34.8426**, and the grayscale version is **30.7510, 32.3525, 35.2319**.

A 20% lighter version of the original color is **63.7303, 62.8232, 103.3749**, and **14.1120, 13.3170, 28.2122** is the 20% darker color. If you saturate the color by 10%, you get **27.0414, 24.9568, 56.8185**, and if you desaturate by 10%, it is **39.9319, 40.2716, 59.0951**.

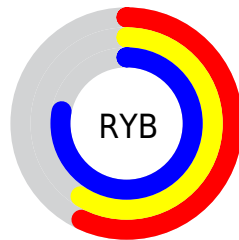
Distribution



Red (57%)

Green (59%)

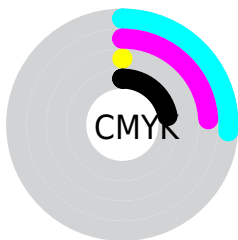
Blue (78%)



Red (57%)

Yellow (59%)

Blue (78%)

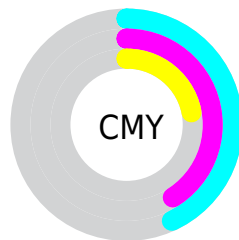


Cyan (26%)

Magenta (24%)

Yellow (0%)

Black (22%)



Cyan (43%)

Magenta (41%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9534, 32.0009, 57.8660 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 32.9534, 32.0009, 57.8660 by changing the saturation by 10% instead.

■ 32.9534, 32.0009,
57.8660

■ 32.9534, 32.0009,
57.8660

307.1084,
311.1234, 434.2707

■ 22.2498, 21.3622,
41.2869

■ 63.6579, 62.8125,
103.2405

■ 14.1582, 13.3890,
28.2220

■ 84.3896, 83.7542,
132.8731

■ 8.3132, 7.6970,
18.2526

109.1946,
108.8990, 167.6939

■ 4.3495, 3.9017,
10.9601

138.4385,
138.6313, 208.1216

■ 1.9017, 1.6187,
5.9262

172.4864,
173.3354, 254.5745

■ 0.5778, 0.3702,
2.7322

211.7038,

■ 0.0000, 0.0000,

213.3959, 307.4713

0.9596

256.4560,
259.1971, 367.2306

■ 0.0000, 0.0000,
0.0000

■ 32.9534, 32.0009,
57.8660

■ 32.9534, 32.0009,
57.8660

■ 27.0414, 24.9568,
56.8185

■ 39.9319, 40.2716,
59.0951

■ 22.1404, 19.0771,
55.9419

■ 48.0227, 49.8193,
60.5116

■ 18.1944, 14.3001,
55.2278

■ 57.2725, 60.6964,
62.1236

■ 15.1410, 10.5569,
54.6663

■ 67.7246, 72.9512,
63.9381

■ 12.9100, 7.7707,
54.2460

■ 79.4199, 86.6296,
65.9619

■ 11.4209, 5.8539,
53.9546

■ 87.1931, 96.8573,
67.5263

■ 10.5740, 4.7014,
53.7767

■ 10.3673, 4.4256,
53.7344

Harmonies

Analogous

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



29.2093, 32.0009, 59.2186



32.9534, 32.0009, 57.8660



36.2553, 32.0009, 49.7046

Triad

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



32.9534, 32.0009, 57.8660



35.2386, 32.0009, 21.3440



23.8896, 32.0009, 31.4573

Complementary

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



32.9534, 32.0009, 57.8660



47.7691, 52.6647, 34.8426

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.



25.2398, 32.0009, 23.2860



32.9534, 32.0009, 57.8660



31.6552, 32.0009, 18.2865

Square

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



32.9534, 32.0009, 57.8660



37.6475, 32.0009, 28.2375



28.0121, 32.0009, 18.9163



24.1752, 32.0009, 42.4071

Rectangle

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



32.9534, 32.0009, 57.8660



37.6644, 32.0009, 42.2763



28.0121, 32.0009, 18.9163



24.1627, 32.0009, 28.3374

Sweetspot

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



32.9544, 32.0022, 57.8667



82.2234, 84.9028, 106.6620



41.7490, 50.3799, 58.3673



17.1153, 17.6022, 22.7454



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.



32.9544, 32.0022, 57.8667



51.6287, 48.6629, 101.2795



36.5503, 32.9242, 57.8552



10.1212, 10.4164, 13.3946



6.7671, 2.9282, 34.9529



0.3437, 0.1852, 1.6628

Inverse Universe

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



39.0734, 34.7664, 33.5067



64.4659, 54.5830, 50.1465



43.3630, 51.7331, 34.8950



10.6664, 10.6500, 11.2267



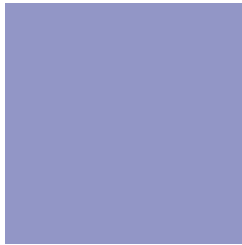
15.2151, 7.8356, 1.0765



0.7322, 0.3757, 0.1128

Previews

White Background



This preview shows how the XYZ color 32.9534, 32.0009, 57.8660 looks on a white background.

Color Contrast Check

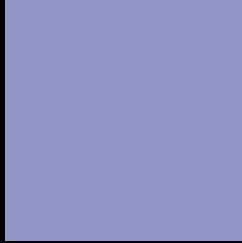
Large Text (above 18pt) WCAG AA × Fail

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 32.9534, 32.0009, 57.8660 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 32.9534, 32.0009, 57.8660

Background



This preview shows how black text looks on a background with the XYZ color 32.9534, 32.0009, 57.8660.



This preview shows how white text looks on a background with the XYZ color 32.9534, 32.0009,

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

32.9534, 32.0009, 57.8660

Protanopia

32.3599, 31.9195, 58.4884

Deuteranopia

32.7613, 32.1397, 57.9030



Tritanopia

29.7716, 32.1795, 41.6879

Trichromacy



Original Color

32.9534, 32.0009, 57.8660

Protanomaly

32.7031, 32.0964, 58.5044

Deuteranomaly

32.9367, 32.2302, 57.9112

Tritanomaly

30.8476, 32.1167, 47.2211

Monochromacy



Original Color

32.9534, 32.0009, 57.8660

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.4094, 32.2641, 42.6023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9534, 32.0009, 57.8660 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(146, 150, 198)` looks like.

```
.text, #text, p{  
    color:rgb(146, 150, 198)  
}
```

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(146, 150, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 150, 198) }
```

Border

The CSS property to change the border of an element to XYZ 32.9534, 32.0009, 57.8660 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(146, 150, 198) }
```


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

```
.border{ border-color:rgb(146, 150, 198) }
```

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

Here you see how a box with a 4 pixel rgb(146, 150, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 150, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 150, 198);  
box-shadow:4px 4px 4px 4px rgb(146, 150,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9534, 32.0009, 57.8660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 150, 198) }
```

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

```
.background{ background-color: rgb(146,  
150, 198) }
```

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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