

Converting Colors

XYZ(32.8354, 30.5851, 58.2301)

Have a look what the booklet for
XYZ(32.8354, 30.5851, 58.2301)
contains.

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Color

**XYZ(32.8597, 30.5541,
58.1985)**

Conversions

Conversions Part 1

Format	Color
Hex	9690C7
RGB	150, 144, 199
RGB Percent	59%, 56%, 78%
CMY	0.4118, 0.4353, 0.2196
CMYK	0.25, 0.28, 0.00, 0.22
HSL	247°, 33%, 67%
HSV	247°, 28%, 78%
XYZ	32.8597, 30.5541, 58.1985
YIQ	152.0640, -14.0790, 18.3770

Conversions

Conversions Part 2

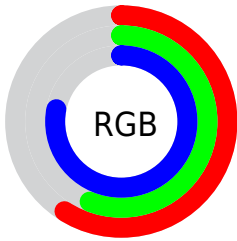
Format	Color
RYB	150, 144, 199
Decimal	9867463
CIELab	62.13, 14.16, -27.60
CIELCh	62, 31.024, 297.153
Yxy	30.5541, 0.2702, 0.2512
Android (android.graphics.Color)	4288057543 (0xFF9690C7)
YUV	152.0640, 23.1394, -1.8101
Hunter-Lab	55.2758, 9.3800, -23.7320

Details

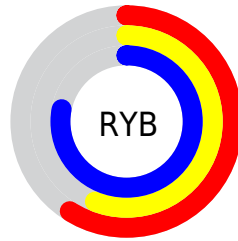
The XYZ color **32.8597, 30.5541, 58.1985** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.4508, 54.1987, 34.3474**, and the grayscale version is **29.7811, 31.3320, 34.1206**.

A 20% lighter version of the original color is **63.4209, 60.5873, 102.9596**, and **14.1505, 12.6464, 28.4833** is the 20% darker color. If you saturate the color by 10%, you get **27.0879, 23.4923, 57.1402**, and if you desaturate by 10%, it is **39.6584, 38.9353, 59.4584**.

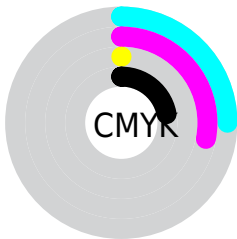
Distribution



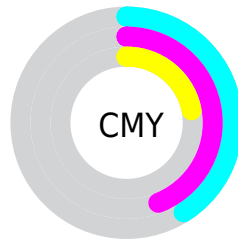
- Red (59%)
- Green (56%)
- Blue (78%)



- Red (59%)
- Yellow (56%)
- Blue (78%)



- Cyan (25%)
- Magenta (28%)
- Yellow (0%)
- Black (22%)



- Cyan (41%)
- Magenta (44%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8597, 30.5541, 58.1985 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 32.8597, 30.5541, 58.1985 by changing the saturation by 10% instead.

■ 32.8597, 30.5541,
58.1985

■ 32.8597, 30.5541,
58.1985

306.6932,
304.4788, 435.5441

■ 22.1777, 20.2595,
41.5525

■ 63.5126, 60.5374,
103.7295

■ 14.1049, 12.5839,
28.4281

■ 84.2142, 80.9949,
133.4516

■ 8.2758, 7.1426,
18.4068

108.9863,
105.6088, 168.3694

■ 4.3252, 3.5515,
11.0700

138.1944,
134.7635, 208.9016

■ 1.8877, 1.4260,
5.9991

172.2038,
168.8435, 255.4666

■ 0.5697, 0.2357,
2.7758

211.3798,

■ 0.0000, 0.0000,

208.2331, 308.4830

0.9813

256.0879,
253.3167, 368.3693

■ 0.0000, 0.0000,
0.0000

■ 32.8597, 30.5541,
58.1985

■ 32.8597, 30.5541,
58.1985

■ 27.0879, 23.4923,
57.1402

■ 39.6584, 38.9353,
59.4584

■ 22.2900, 17.6791,
56.2710

■ 47.5276, 48.6947,
60.9274

■ 18.4127, 13.0425,
55.5804

■ 56.5120, 59.8918,
62.6152

■ 15.3965, 9.5018,
55.0559

■ 66.6527, 72.5818,
64.5301

■ 13.1748, 6.9660,
54.6836

■ 77.9890, 86.8166,
66.6802

■ 11.6708, 5.3292,
54.4469

■ 87.3089, 96.9036,
68.1360

■ 10.7833, 4.4439,
54.3228

■ 10.6333, 4.2908,
54.3011

Harmonies

Analogous

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



28.6439, 30.5541, 61.9114



32.8597, 30.5541, 58.1985



36.3189, 30.5541, 47.3581

Triad

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



32.8597, 30.5541, 58.1985



33.6152, 30.5541, 17.4527



21.7396, 30.5541, 32.1395

Complementary

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



32.8597, 30.5541, 58.1985



47.4508, 54.1987, 34.3474

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.



22.8063, 30.5541, 22.2933



32.8597, 30.5541, 58.1985



29.4412, 30.5541, 15.1866

Square

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



32.8597, 30.5541, 58.1985



36.7836, 30.5541, 23.8422



25.5298, 30.5541, 16.7206



22.4687, 30.5541, 44.8994

Rectangle

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



32.8597, 30.5541, 58.1985



37.5897, 30.5541, 38.6454



25.5298, 30.5541, 16.7206



21.8975, 30.5541, 28.4145

Sweetspot

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



32.8607, 30.5553, 58.1992



82.5106, 84.3823, 106.5464



40.9920, 48.4150, 61.2179



17.1869, 17.4726, 22.7166



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.



32.8607, 30.5553, 58.1992



51.4136, 45.9959, 100.7760



38.4146, 33.4184, 58.4591



10.1623, 10.3419, 13.3781



6.8745, 2.7782, 34.9183



0.3626, 0.1507, 1.6551

Inverse Universe

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



43.1531, 35.9401, 55.1162



72.3818, 56.9721, 94.2272



41.1843, 50.9682, 34.0541



11.0313, 10.7959, 13.1483



20.2870, 9.8643, 27.7847



0.9752, 0.4729, 1.3926

Previews

White Background



This preview shows how the XYZ color 32.8597, 30.5541, 58.1985 looks on a white background.

Color Contrast Check

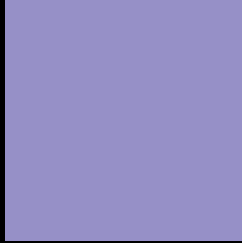
Large Text (above 18pt) WCAG AA × Fail

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 32.8597, 30.5541, 58.1985 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 32.8597, 30.5541, 58.1985

Background



This preview shows how black text looks on a background with the XYZ color 32.8597, 30.5541, 58.1985.



This preview shows how white text looks on a background with the XYZ color 32.8597, 30.5541,

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

32.8597, 30.5541, 58.1985

Protanopia

31.2422, 30.5950, 60.1359

Deuteranopia

31.2642, 30.6603, 57.6963



Tritanopia

29.0052, 30.6172, 39.0313

Trichromacy



Original Color

32.8597, 30.5541, 58.1985

Protanomaly

31.7916, 30.6599, 59.5007

Deuteranomaly

31.7821, 30.6954, 57.6758

Tritanomaly

30.2804, 30.4254, 45.3510

Monochromacy



Original Color

32.8597, 30.5541, 58.1985

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.6714, 30.9388, 41.8913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8597, 30.5541, 58.1985 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(150, 144, 199)` looks like.

```
.text, #text, p{  
    color:rgb(150, 144, 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(150, 144, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 144, 199) }
```

Border

The CSS property to change the border of an element to XYZ 32.8597, 30.5541, 58.1985 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(150, 144, 199) }
```


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

```
.border{ border-color:rgb(150, 144, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 144, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 144, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 144, 199);  
box-shadow:4px 4px 4px 4px rgb(150, 144,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8597, 30.5541, 58.1985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 144, 199) }
```

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

```
.background{ background-color: rgb(150,  
144, 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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