

Converting Colors

XYZ(32.5149, 29.4463, 54.2276)

Have a look what the booklet for
XYZ(32.5149, 29.4463, 54.2276)
contains.

XYZ(32.5686, 29.3834, 54.4071)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.5686, 29.3834,
54.4071)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8BC1
RGB	156, 139, 193
RGB Percent	61%, 55%, 76%
CMY	0.3882, 0.4549, 0.2431
CMYK	0.19, 0.28, 0.00, 0.24
HSL	259°, 30%, 65%
HSV	259°, 28%, 76%
XYZ	32.5686, 29.3834, 54.4071
YIQ	150.2390, -7.2020, 20.3980

Conversions

Conversions Part 2

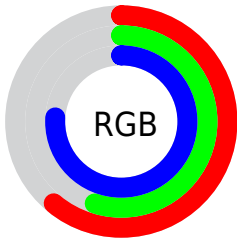
Format	Color
RYB	156, 139, 193
Decimal	10259393
CIELab	61.12, 17.48, -25.74
CIElCh	61, 31.115, 304.171
Yxy	29.3834, 0.2799, 0.2525
Android (android.graphics.Color)	4288449473 (0xFF9C8BC1)
YUV	150.2390, 21.0812, 5.0524
Hunter-Lab	54.2065, 12.3860, -21.5649

Details

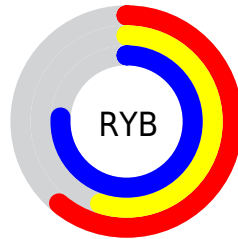
The XYZ color **32.5686, 29.3834, 54.4071** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.6354, 49.2348, 31.7361**, and the grayscale version is **29.0071, 30.5178, 33.2339**.

A 20% lighter version of the original color is **63.1893, 58.8909, 98.4791**, and **13.9415, 11.9519, 25.9982** is the 20% darker color. If you saturate the color by 10%, you get **27.5959, 23.0318, 53.4437**, and if you desaturate by 10%, it is **38.3152, 36.8677, 55.5493**.

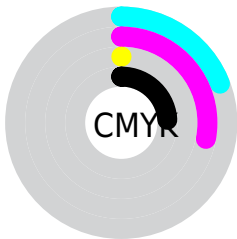
Distribution



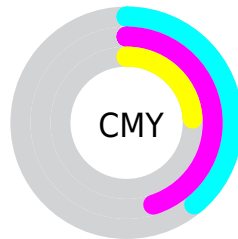
- Red (61%)
- Green (55%)
- Blue (76%)



- Red (61%)
- Yellow (55%)
- Blue (76%)



- Cyan (19%)
- Magenta (28%)
- Yellow (0%)
- Black (24%)



- Cyan (39%)
- Magenta (45%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5686, 29.3834, 54.4071 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 32.5686, 29.3834, 54.4071 by changing the saturation by 10% instead.

■ 32.5686, 29.3834,
54.4071

■ 32.5686, 29.3834,
54.4071

305.4008,
299.0197, 420.8789

■ 21.9538, 19.3710,
38.5318

■ 63.0606, 58.6857,
98.1341

■ 13.9394, 11.9387,
26.0907

■ 83.6686, 78.7444,
126.8230

■ 8.1599, 6.7019,
16.6651

■ 108.3383,
102.9207, 160.6201

■ 4.2501, 3.2764,
9.8366

137.4351,
131.5990, 199.9441

■ 1.8446, 1.2777,
5.1866

171.3244,
165.1636, 245.2134

■ 0.5443, 0.1238,
2.2965

210.3716,

■ 0.0000, 0.0000,

203.9990, 296.8466

0.7293

254.9419,
248.4896, 355.2623

■ 0.0000, 0.0000,
0.0000

■ 32.5686, 29.3834,
54.4071

■ 32.5686, 29.3834,
54.4071

■ 27.5959, 23.0318,
53.4437

■ 38.3152, 36.8677,
55.5493

■ 23.3593, 17.7528,
52.6480

■ 44.8653, 45.5335,
56.8768

■ 19.8222, 13.4861,
52.0109

■ 52.2505, 55.4311,
58.3980

■ 16.9433, 10.1640,
51.5214

■ 60.4997, 66.6069,
60.1203

■ 14.6766, 7.7098,
51.1672

■ 69.6404, 79.1048,
62.0509

■ 12.9692, 6.0347,
50.9338

■ 79.6989, 92.9664,
64.1963

■ 11.7458, 5.0061,
50.7998

■ 84.3001, 95.4314,
64.4296

■ 11.5354, 4.8348,
50.7778

■ 86.6257, 96.6303,
64.5384

Harmonies

Analogous

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



28.5023, 29.3834, 60.0299



32.5686, 29.3834, 54.4071



35.5987, 29.3834, 42.8112

Triad

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



32.5686, 29.3834, 54.4071



31.4863, 29.3834, 15.7360



20.8137, 29.3834, 33.6550

Complementary

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



32.5686, 29.3834, 54.4071



41.6354, 49.2348, 31.7361

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.



21.4469, 29.3834, 23.1714



32.5686, 29.3834, 54.4071



27.3615, 29.3834, 14.4138

Square

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



32.5686, 29.3834, 54.4071



34.9323, 29.3834, 20.9637



23.7507, 29.3834, 16.7760



21.9288, 29.3834, 46.3396

Rectangle

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



32.5686, 29.3834, 54.4071



36.4792, 29.3834, 34.3294



23.7507, 29.3834, 16.7760



20.8299, 29.3834, 29.7661

Sweetspot

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



32.5696, 29.3846, 54.4078



80.1700, 81.3057, 101.8285



35.9567, 40.7055, 56.4144



16.7972, 16.9081, 21.7636



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.



32.5696, 29.3846, 54.4078



52.3408, 44.9474, 96.2773



38.1978, 32.2861, 54.6712



9.8201, 9.8984, 12.6778



7.7461, 3.2537, 33.7764



0.4073, 0.1780, 1.4628

Inverse Universe

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



39.0622, 32.9384, 45.3741



66.1715, 52.5279, 76.5705



36.2720, 46.4698, 31.4851



10.3580, 10.1918, 11.9756



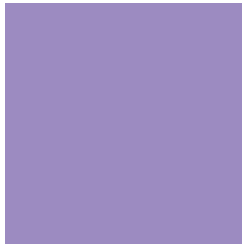
17.4461, 8.6682, 15.5269



0.7838, 0.3865, 0.8290

Previews

White Background



This preview shows how the XYZ color 32.5686, 29.3834, 54.4071 looks on a white background.

Color Contrast Check

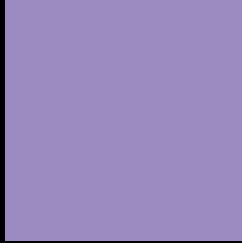
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.5686, 29.3834, 54.4071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

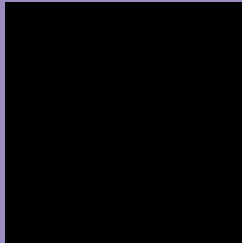
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.5686, 29.3834, 54.4071

Background



This preview shows how black text looks on a background with the XYZ color 32.5686, 29.3834, 54.4071.



This preview shows how white text looks on a background with the XYZ color 32.5686, 29.3834,

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

32.5686, 29.3834, 54.4071

Protanopia

30.1448, 29.6215, 57.5548

Deuteranopia

30.1211, 29.4598, 53.9679



Tritanopia

28.9424, 29.4761, 36.0623

Trichromacy



Original Color

32.5686, 29.3834, 54.4071

Protanomaly

30.7708, 29.2932, 56.2569

Deuteranomaly

31.0139, 29.4704, 53.9229

Tritanomaly

30.0271, 29.2226, 42.0881

Monochromacy



Original Color

32.5686, 29.3834, 54.4071

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.1107, 29.9863, 40.2773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5686, 29.3834, 54.4071 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(156, 139, 193)` looks like.

```
.text, #text, p{  
    color:rgb(156, 139, 193)  
}
```

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(156, 139, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 139, 193) }
```

Border

The CSS property to change the border of an element to XYZ 32.5686, 29.3834, 54.4071 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(156, 139, 193) }
```


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

```
.border{ border-color:rgb(156, 139, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 139, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 139, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 139, 193);  
box-shadow:4px 4px 4px 4px rgb(156, 139,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5686, 29.3834, 54.4071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 139, 193) }
```

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

```
.background{ background-color: rgb(156,  
139, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor