

Converting Colors

XYZ(30.9845, 34.9704, 49.5359)

Have a look what the booklet for
XYZ(30.9845, 34.9704, 49.5359)
contains.

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Color

**XYZ(30.9519, 34.9548,
49.3716)**

Conversions

Conversions Part 1

Format	Color
Hex	81A5B6
RGB	129, 165, 182
RGB Percent	51%, 65%, 71%
CMY	0.4941, 0.3529, 0.2863
CMYK	0.29, 0.09, 0.00, 0.29
HSL	199°, 27%, 61%
HSV	199°, 29%, 71%
XYZ	30.9519, 34.9548, 49.3716
YIQ	156.1740, -26.9130, -2.3450

Conversions

Conversions Part 2

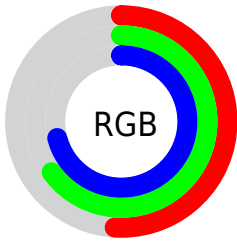
Format	Color
RYB	129, 150, 182
Decimal	8496566
CIELab	65.71, -8.22, -12.77
CIElCh	66, 15.182, 237.230
Yxy	34.9548, 0.2685, 0.3032
Android (android.graphics.Color)	4286686646 (0xFF81A5B6)
YUV	156.1740, 12.7322, -23.8316
Hunter-Lab	59.1226, -10.0161, -8.1256

Details

The XYZ color **30.9519, 34.9548, 49.3716** is a light color, and the websafe version is hex **669999**. A complement of this color would be **33.5332, 32.0881, 25.1960**, and the grayscale version is **31.6320, 33.2793, 36.2412**.

A 20% lighter version of the original color is **60.5543, 67.4267, 90.7120**, and **13.0095, 15.0149, 22.9814** is the 20% darker color. If you saturate the color by 10%, you get **27.4010, 31.5976, 48.9113**, and if you desaturate by 10%, it is **35.0454, 38.6648, 49.8725**.

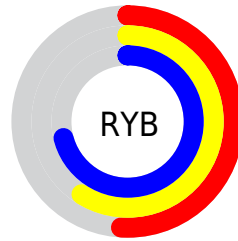
Distribution



Red (51%)

Green (65%)

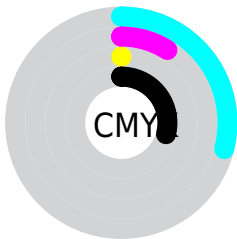
Blue (71%)



Red (51%)

Yellow (59%)

Blue (71%)

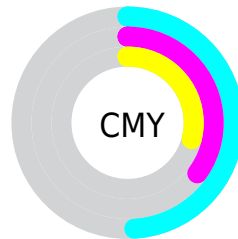


Cyan (29%)

Magenta (9%)

Yellow (0%)

Black (29%)



Cyan (49%)

Magenta (35%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9519, 34.9548, 49.3716 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 30.9519, 34.9548, 49.3716 by changing the saturation by 10% instead.

■ 30.9519, 34.9548,
49.3716

■ 30.9519, 34.9548,
49.3716

298.1475,
324.3688, 400.8678

■ 20.7139, 23.6281,
34.5467

■ 60.5407, 67.4157,
90.6298

■ 13.0263, 15.0579,
23.0331

■ 80.6222, 89.3187,
117.9002

■ 7.5238, 8.8601,
14.4124

■ 104.7155,
115.5159, 150.1561

■ 3.8410, 4.6500,
8.2661

133.1860,
146.3917, 187.8161

■ 1.6126, 2.0434,
4.1755

166.3992,
182.3305, 231.2987

■ 0.4006, 0.6325,
1.7221

204.7202,

■ 0.0000, 0.0000,

223.7167, 281.0225

0.3758

248.5145,
270.9346, 337.4061

■ 0.0000, 0.0000,
0.0000

■ 30.9519, 34.9548,
49.3716

■ 30.9519, 34.9548,
49.3716

■ 27.4010, 31.5976,
48.9113

■ 35.0454, 38.6648,
49.8725

■ 24.3628, 28.5742,
48.4879

■ 39.7031, 42.7371,
50.4131

■ 21.8091, 25.8700,
48.1005

■ 44.9493, 47.1860,
50.9953

■ 19.7075, 23.4674,
47.7475

■ 50.8060, 52.0236,
51.6204

■ 18.0215, 21.3464,
47.4270

■ 57.2937, 57.2614,
52.2894

■ 16.7081, 19.4841,
47.1368

■ 64.4322, 62.9106,
53.0036

■ 15.6892, 17.8389,
46.8729

■ 71.7221, 68.7144,
53.7396

■ 15.6049, 17.7000,
46.8505

■ 73.1524, 71.5750,
54.2164

■ 74.6354, 74.5410,
54.7107

Harmonies

Analogous

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



29.5479, 34.9548, 43.9720



30.9519, 34.9548, 49.3716



33.0163, 34.9548, 51.7199

Triad

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



30.9519, 34.9548, 49.3716



37.7021, 34.9548, 38.6575



31.2962, 34.9548, 28.1341

Complementary

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



30.9519, 34.9548, 49.3716



33.5332, 32.0881, 25.1960

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.



33.4315, 34.9548, 27.0454



30.9519, 34.9548, 49.3716



37.1919, 34.9548, 32.7029

Square

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



30.9519, 34.9548, 49.3716



36.9685, 34.9548, 45.1157



35.6036, 34.9548, 28.6230



29.7403, 34.9548, 31.7809

Rectangle

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



30.9519, 34.9548, 49.3716



34.5124, 34.9548, 51.0629



35.6036, 34.9548, 28.6230



31.9671, 34.9548, 27.4759

Sweetspot

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



30.9530, 34.9562, 49.3724



71.9514, 77.4560, 91.3940



30.9534, 40.1923, 33.2332



15.6063, 16.8613, 20.1536



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



30.9530, 34.9562, 49.3724



51.8400, 59.3626, 88.9616



26.6892, 26.4287, 47.9512



9.0173, 9.7117, 11.4787



11.0819, 12.6235, 33.1056



0.4440, 0.5516, 1.1848

Inverse Universe

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



33.9341, 28.3631, 39.2850



58.2540, 45.8698, 67.1024



38.0611, 41.1438, 26.7053



9.2551, 9.1124, 10.6905



16.2073, 8.0567, 14.2444



0.5983, 0.2948, 0.6439

Previews

White Background



This preview shows how the XYZ color 30.9519, 34.9548, 49.3716 looks on a white background.

Color Contrast Check

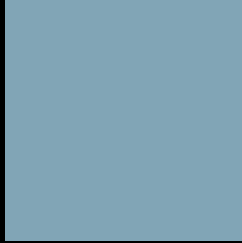
Large Text (above 18pt) WCAG AA × Fail

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 30.9519, 34.9548, 49.3716 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

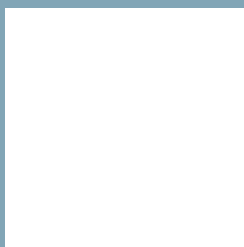
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.9519, 34.9548, 49.3716

Background



This preview shows how black text looks on a background with the XYZ color 30.9519, 34.9548, 49.3716.



This preview shows how white text looks on a background with the XYZ color 30.9519, 34.9548,

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

30.9519, 34.9548, 49.3716

Protanopia

34.1674, 34.8362, 47.0427

Deuteranopia

35.4773, 34.6899, 50.1734



Tritanopia

30.6750, 35.1163, 47.8092

Trichromacy



Original Color

30.9519, 34.9548, 49.3716

Protanomaly

32.9142, 34.9475, 47.6586

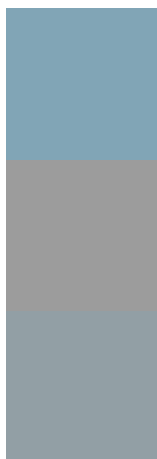
Deuteranomaly

33.7079, 34.7945, 49.7392

Tritanomaly

30.7765, 35.1569, 48.3439

Monochromacy



Original Color

30.9519, 34.9548, 49.3716

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.0437, 33.6239, 40.4512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9519, 34.9548, 49.3716 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(129, 165, 182)` looks like.

```
.text, #text, p{  
    color:rgb(129, 165, 182)  
}
```

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(129, 165, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 165, 182) }
```

Border

The CSS property to change the border of an element to XYZ 30.9519, 34.9548, 49.3716 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(129, 165, 182) }
```


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

```
.border{ border-color:rgb(129, 165, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 165, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 165, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 165, 182);  
box-shadow:4px 4px 4px 4px rgb(129, 165,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9519, 34.9548, 49.3716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 165, 182) }
```

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

```
.background{ background-color: rgb(129,  
165, 182) }
```

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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