

Converting Colors

XYZ(29.5339, 32.5916, 49.4121)

Have a look what the booklet for
XYZ(29.5339, 32.5916, 49.4121)
contains.

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Color

**XYZ(29.5496, 32.6508,
49.5446)**

Conversions

Conversions Part 1

Format	Color
Hex	7E9FB7
RGB	126, 159, 183
RGB Percent	49%, 62%, 72%
CMY	0.5059, 0.3765, 0.2823
CMYK	0.31, 0.13, 0.00, 0.28
HSL	205°, 28%, 61%
HSV	205°, 31%, 72%
XYZ	29.5496, 32.6508, 49.5446
YIQ	151.8690, -27.3720, 0.4680

Conversions

Conversions Part 2

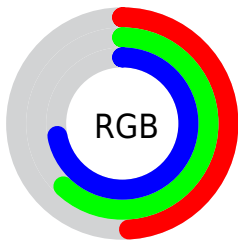
Format	Color
R_{YB}	126, 147, 183
Decimal	8298423
CIE _{Lab}	63.88, -5.58, -16.11
CIE _{LCh}	64, 17.049, 250.903
Yxy	32.6508, 0.2644, 0.2922
Android (android.graphics.Color)	4286488503 (0xFF7E9FB7)
YUV	151.8690, 15.3476, -22.6871
Hunter-Lab	57.1409, -7.6878, -11.4094

Details

The XYZ color **29.5496, 32.6508, 49.5446** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **34.2013, 33.3868, 24.3813**, and the grayscale version is **29.7338, 31.2822, 34.0664**.

A 20% lighter version of the original color is **58.4489, 64.0284, 90.9395**, and **12.2935, 13.8327, 23.1411** is the 20% darker color. If you saturate the color by 10%, you get **25.8102, 28.8178, 49.0024**, and if you desaturate by 10%, it is **33.8672, 36.9061, 50.1389**.

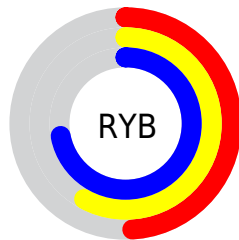
Distribution



Red (49%)

Green (62%)

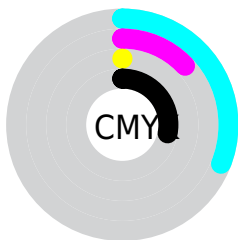
Blue (72%)



Red (49%)

Yellow (58%)

Blue (72%)

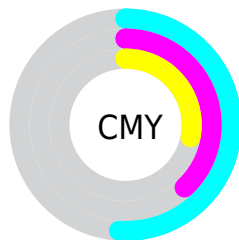


Cyan (31%)

Magenta (13%)

Yellow (0%)

Black (28%)



Cyan (51%)

Magenta (38%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5496, 32.6508, 49.5446 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 29.5496, 32.6508, 49.5446 by changing the saturation by 10% instead.

■ 29.5496, 32.6508,
49.5446

■ 29.5496, 32.6508,
49.5446

291.7470,
314.0733, 401.5663

■ 19.6433, 21.8591,
34.6830

■ 58.3407, 63.8300,
90.8891

■ 12.2428, 13.7534,
23.1372

■ 77.9562, 84.9862,
118.2091

■ 6.9826, 7.9493,
14.4886

■ 101.5389,
110.3660, 150.5191

■ 3.4975, 4.0625,
8.3187

129.4541,
140.3539, 188.2375

■ 1.4220, 1.7086,
4.2088

162.0672,
175.3341, 231.7829

■ 0.2718, 0.4292,
1.7406

199.7434,

■ 0.0000, 0.0000,

215.6912, 281.5738

0.3883

242.8483,
261.8094, 338.0287

■ 0.0000, 0.0000,
0.0000

■ 29.5496, 32.6508,
49.5446

■ 29.5496, 32.6508,
49.5446

■ 25.8102, 28.8178,
49.0024

■ 33.8672, 36.9061,
50.1389

■ 22.6177, 25.3863,
48.5083

■ 38.7864, 41.5955,
50.7848

■ 19.9418, 22.3393,
48.0612

■ 44.3328, 46.7352,
51.4846

■ 17.7483, 19.6567,
47.6590

■ 50.5296, 52.3390,
52.2396

■ 15.9979, 17.3159,
47.2995

■ 57.3988, 58.4205,
53.0514

■ 14.6444, 15.2907,
46.9799

■ 64.9612, 64.9922,
53.9213

■ 13.6964, 13.7171,
46.7261

■ 73.2369, 72.0664,
54.8506

■ 75.5495, 76.2032,
55.5272

■ 77.6264, 80.3570,
56.2195

Harmonies

Analogous

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



27.6779, 32.6508, 44.9164



29.5496, 32.6508, 49.5446



31.9139, 32.6508, 50.1563

Triad

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



29.5496, 32.6508, 49.5446



35.7844, 32.6508, 33.1117



28.1117, 32.6508, 26.4764

Complementary

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



29.5496, 32.6508, 49.5446



34.2013, 33.3868, 24.3813

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.



30.1697, 32.6508, 24.0982



29.5496, 32.6508, 49.5446



34.6502, 32.6508, 27.5876

Square

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



29.5496, 32.6508, 49.5446



35.5972, 32.6508, 40.0482



32.5665, 32.6508, 24.4770



26.8777, 32.6508, 31.4041

Rectangle

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



29.5496, 32.6508, 49.5446



33.4621, 32.6508, 48.1263



32.5665, 32.6508, 24.4770



28.7255, 32.6508, 25.3829

Sweetspot

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



29.5506, 32.6521, 49.5454



71.3582, 76.2696, 91.1962



31.0234, 40.4973, 34.9313



15.4556, 16.5599, 20.1034



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.



29.5506, 32.6521, 49.5454



48.4785, 53.9551, 88.0950



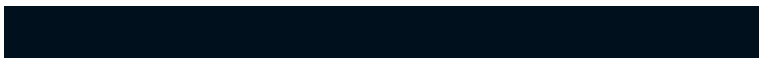
25.2351, 24.0210, 48.1068



8.9413, 9.5597, 11.4534



9.6238, 9.7073, 32.6195



0.3991, 0.4618, 1.1699

Inverse Universe

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



33.2482, 27.4931, 36.3566



56.2362, 43.8333, 60.2668



39.2652, 43.5147, 26.0693



9.2167, 9.0970, 10.4885



15.4713, 7.7623, 10.3688



0.5756, 0.2857, 0.5245

Previews

White Background



This preview shows how the XYZ color 29.5496, 32.6508, 49.5446 looks on a white background.

Color Contrast Check

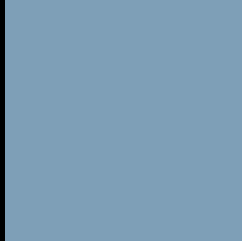
Large Text (above 18pt) WCAG AA × Fail

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 29.5496, 32.6508, 49.5446 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

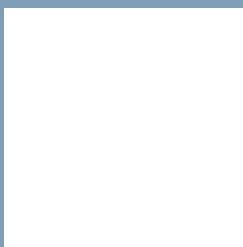
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.5496, 32.6508, 49.5446

Background



This preview shows how black text looks on a background with the XYZ color 29.5496, 32.6508, 49.5446.



This preview shows how white text looks on a background with the XYZ color 29.5496, 32.6508,

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

29.5496, 32.6508, 49.5446

Protanopia

32.1056, 32.5212, 47.2329

Deuteranopia

33.1500, 32.5060, 50.4260



Tritanopia

28.5999, 32.7920, 44.3573

Trichromacy



Original Color

29.5496, 32.6508, 49.5446

Protanomaly

30.9441, 32.4007, 47.8030

Deuteranomaly

31.7089, 32.5012, 49.9495

Tritanomaly

28.9641, 32.6759, 46.3755

Monochromacy



Original Color

29.5496, 32.6508, 49.5446

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.6599, 31.9267, 39.2496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5496, 32.6508, 49.5446 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(126, 159, 183)` looks like.

```
.text, #text, p{  
    color:rgb(126, 159, 183)  
}
```

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(126, 159, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 159, 183) }
```

Border

The CSS property to change the border of an element to XYZ 29.5496, 32.6508, 49.5446 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(126, 159, 183) }
```


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

```
.border{ border-color:rgb(126, 159, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 159, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 159, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 159, 183);  
box-shadow:4px 4px 4px 4px rgb(126, 159,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5496, 32.6508, 49.5446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 159, 183) }
```

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

```
.background{ background-color: rgb(126,  
159, 183) }
```

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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