

Converting Colors

XYZ(24.5643, 29.3668, 32.5190)

Have a look what the booklet for
XYZ(24.5643, 29.3668, 32.5190)
contains.

XYZ(24.5379, 29.4324, 32.4047)	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(24.5379, 29.4324,
32.4047)**

Conversions

Conversions Part 1

Format	Color
Hex	769B94
RGB	118, 155, 148
RGB Percent	46%, 61%, 58%
CMY	0.5372, 0.3921, 0.4196
CMYK	0.24, 0.00, 0.05, 0.39
HSL	169°, 16%, 54%
HSV	169°, 24%, 61%
XYZ	24.5379, 29.4324, 32.4047
YIQ	143.1390, -19.8050, -10.0210

Conversions

Conversions Part 2

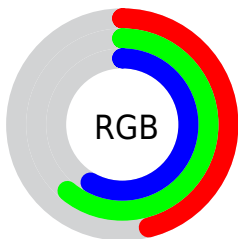
Format	Color
RYB	118, 138, 155
Decimal	7773076
CIELab	61.16, -14.22, -0.49
CIElCh	61, 14.228, 181.987
Yxy	29.4324, 0.2841, 0.3408
Android (android.graphics.Color)	4285963156 (0xFF769B94)
YUV	143.1390, 2.3965, -22.0469
Hunter-Lab	54.2516, -14.2052, 2.5620

Details

The XYZ color **24.5379, 29.4324, 32.4047** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.6988, 21.4070, 22.2863**, and the grayscale version is **26.1610, 27.5234, 29.9730**.

A 20% lighter version of the original color is **50.5018, 59.0154, 64.6065**, and **9.4919, 11.9926, 13.1238** is the 20% darker color. If you saturate the color by 10%, you get **22.3745, 28.3444, 31.1073**, and if you desaturate by 10%, it is **27.0548, 30.7035, 33.7507**.

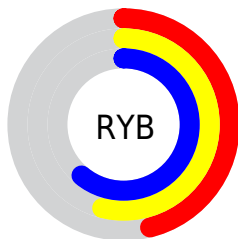
Distribution



Red (46%)

Green (61%)

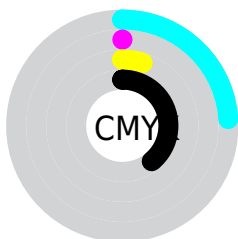
Blue (58%)



Red (46%)

Yellow (54%)

Blue (61%)

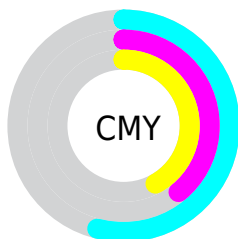


Cyan (24%)

Magenta (0%)

Yellow (5%)

Black (39%)



Cyan (54%)

Magenta (39%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5379, 29.4324, 32.4047 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 24.5379, 29.4324, 32.4047 by changing the saturation by 10% instead.

■ 24.5379, 29.4324,
32.4047

■ 24.5379, 29.4324,
32.4047

267.9191,
299.2497, 327.5080

■ 15.8600, 19.4082,
21.4034

■ 50.3549, 58.7634,
64.5503

■ 9.5154, 11.9656,
13.2251

■ 68.2247, 78.8389,
86.5316

■ 5.1386, 6.7202,
7.4512

■ 89.8891, 103.0337,
113.0101

■ 2.3644, 3.2878,
3.6631

115.7136,
131.7321, 144.4042

■ 0.8273, 1.2838,
1.4424

146.0635,
165.3185, 181.1325

■ 0.0000, 0.1286,
0.1745

181.3041,

■ 0.0000, 0.0000,

204.1773, 223.6136

0.0000

221.8009,
248.6929, 272.2659

■ 24.5379, 29.4324,
32.4047

■ 24.5379, 29.4324,
32.4047

■ 22.3745, 28.3444,
31.1073

■ 27.0548, 30.7035,
33.7507

■ 20.5451, 27.4271,
29.8553

■ 29.9385, 32.1623,
35.1441

■ 19.0322, 26.6724,
28.6485

■ 33.2045, 33.8174,
36.5866

■ 17.8158, 26.0697,
27.4855

■ 36.8670, 35.6762,
38.0790

■ 16.8733, 25.6077,
26.3652

■ 40.9390, 37.7455,
39.6222

■ 16.1791, 25.2730,
25.2861

■ 45.4333, 40.0318,
41.2170

■ 15.7022, 25.0496,
24.2465

■ 50.3620, 42.5413,
42.8641

■ 15.4665, 24.9416,
23.6264

■ 55.7367, 45.2799,
44.5643

■ 60.6410, 47.7754,
46.2749

Harmonies

Analogous

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



24.9233, 29.4324, 27.4563



24.5379, 29.4324, 32.4047



25.0388, 29.4324, 37.8078

Triad

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



24.5379, 29.4324, 32.4047



29.9198, 29.4324, 41.5824



29.6949, 29.4324, 23.7998

Complementary

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



24.5379, 29.4324, 32.4047



23.6988, 21.4070, 22.2863

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.



31.1314, 29.4324, 26.9031



24.5379, 29.4324, 32.4047



31.2653, 29.4324, 37.1225

Square

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



24.5379, 29.4324, 32.4047



28.0993, 29.4324, 43.4598



31.7181, 29.4324, 31.6917



27.8503, 29.4324, 22.8305

Rectangle

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



24.5379, 29.4324, 32.4047



25.8214, 29.4324, 40.8493



31.7181, 29.4324, 31.6917



30.2443, 29.4324, 24.6096

Sweetspot

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



24.5387, 29.4336, 32.4054



51.8540, 56.7056, 62.1121



23.5083, 29.1421, 21.5261



11.6735, 12.8029, 14.0285



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.5387, 29.4336, 32.4054



41.6620, 51.5607, 56.6980



23.3467, 26.1354, 34.8259



6.3344, 7.0065, 7.6845



12.4354, 20.0376, 19.0452



0.1974, 0.3042, 0.3452

Inverse Universe

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



23.6988, 21.4070, 22.2863



39.8753, 34.4697, 35.1606



24.6521, 24.0044, 20.4741



6.2542, 6.2408, 6.7187



11.0500, 5.6742, 1.5221



0.1755, 0.0890, 0.0772

Previews

White Background



This preview shows how the XYZ color 24.5379, 29.4324, 32.4047 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 24.5379, 29.4324, 32.4047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

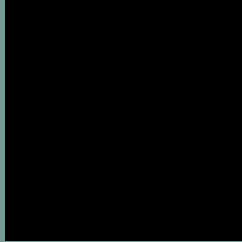
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.5379, 29.4324, 32.4047

Background



This preview shows how black text looks on a background with the XYZ color 24.5379, 29.4324, 32.4047.



This preview shows how white text looks on a background with the XYZ color 24.5379, 29.4324,

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

24.5379, 29.4324, 32.4047

Protanopia

28.1541, 29.4299, 30.1833

Deuteranopia

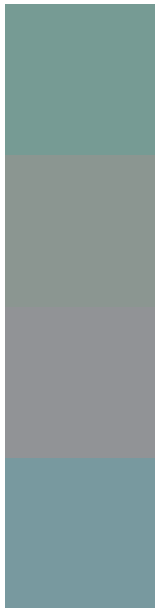
29.9056, 29.3529, 33.3676



Tritanopia

25.9049, 29.2380, 39.8755

Trichromacy



Original Color

24.5379, 29.4324, 32.4047

Protanomaly

26.6646, 29.3460, 31.0470

Deuteranomaly

27.6158, 29.0892, 33.0134

Tritanomaly

25.3950, 29.2787, 37.1138

Monochromacy



Original Color

24.5379, 29.4324, 32.4047

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.3761, 27.9801, 30.8513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5379, 29.4324, 32.4047 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(118, 155, 148)` looks like.

```
.text, #text, p{  
    color:rgb(118, 155, 148)  
}
```

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(118, 155, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 155, 148) }
```

Border

The CSS property to change the border of an element to XYZ 24.5379, 29.4324, 32.4047 is called "border". The border property can be set on classes, ids or directly on the HTML element.

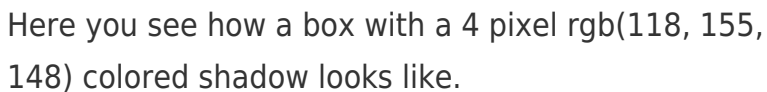
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 155, 148) }
```


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

```
.border{ border-color:rgb(118, 155, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 155, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 155, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 155, 148); box-shadow:4px 4px 4px 4px rgb(118, 155, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5379, 29.4324, 32.4047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 155, 148) }
```

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

```
.background{ background-color: rgb(118,  
155, 148) }
```

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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