

Converting Colors

XYZ(29.0925, 32.3318, 48.9164)

Have a look what the booklet for
XYZ(29.0925, 32.3318, 48.9164)
contains.

XYZ(29.1538, 32.4588, 48.9846)	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(29.1538, 32.4588,
48.9846)**

Conversions

Conversions Part 1

Format	Color
Hex	7C9FB6
RGB	124, 159, 182
RGB Percent	49%, 62%, 71%
CMY	0.5137, 0.3765, 0.2863
CMYK	0.32, 0.13, 0.00, 0.29
HSL	204°, 28%, 60%
HSV	204°, 32%, 71%
XYZ	29.1538, 32.4588, 48.9846
YIQ	151.1570, -28.2430, -0.2670

Conversions

Conversions Part 2

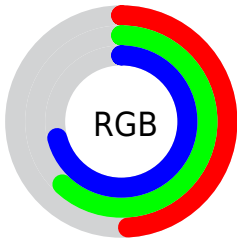
Format	Color
RYB	124, 146, 182
Decimal	8167350
CIELab	63.72, -6.42, -15.80
CIElCh	64, 17.055, 247.884
Yxy	32.4588, 0.2636, 0.2935
Android (android.graphics.Color)	4286357430 (0xFF7C9FB6)
YUV	151.1570, 15.2056, -23.8167
Hunter-Lab	56.9726, -8.3608, -11.0962

Details

The XYZ color **29.1538, 32.4588, 48.9846** is a light color, and the websafe version is hex **669999**. A complement of this color would be **33.3636, 32.2680, 23.5394**, and the grayscale version is **29.4290, 30.9616, 33.7172**.

A 20% lighter version of the original color is **57.8393, 63.7312, 90.1418**, and **12.0727, 13.7266, 22.7821** is the 20% darker color. If you saturate the color by 10%, you get **25.5576, 28.8167, 48.4717**, and if you desaturate by 10%, it is **33.3099, 36.4986, 49.5459**.

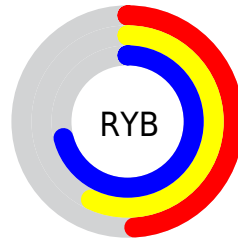
Distribution



Red (49%)

Green (62%)

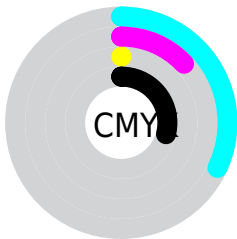
Blue (71%)



Red (49%)

Yellow (57%)

Blue (71%)

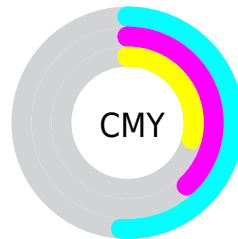


Cyan (32%)

Magenta (13%)

Yellow (0%)

Black (29%)



Cyan (51%)

Magenta (38%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1538, 32.4588, 48.9846 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 29.1538, 32.4588, 48.9846 by changing the saturation by 10% instead.

■ 29.1538, 32.4588,
48.9846

■ 29.1538, 32.4588,
48.9846

289.9211,
313.2040, 399.3024

■ 19.3421, 21.7122,
34.2417

■ 57.7172, 63.5297,
90.0493

■ 12.0232, 13.6456,
22.8005

■ 77.1996, 84.6227,
117.2083

■ 6.8318, 7.8746,
14.2424

■ 100.6363,
109.9333, 149.3430

■ 3.4025, 4.0148,
8.1488

128.3926,
139.8459, 186.8721

■ 1.3700, 1.6818,
4.1011

160.8338,
174.7448, 230.2140

■ 0.2347, 0.4119,
1.6810

198.3254,

■ 0.0000, 0.0000,

215.0146, 279.7874

0.3477

241.2327,
261.0395, 336.0107

■ 0.0000, 0.0000,
0.0000

■ 29.1538, 32.4588,
48.9846

■ 29.1538, 32.4588,
48.9846

■ 25.5576, 28.8167,
48.4717

■ 33.3099, 36.4986,
49.5459

■ 22.4903, 25.5523,
48.0033

■ 38.0489, 40.9475,
50.1548

■ 19.9224, 22.6492,
47.5783

■ 43.3958, 45.8209,
50.8137

■ 17.8198, 20.0880,
47.1947

■ 49.3734, 51.1322,
51.5238

■ 16.1438, 17.8468,
46.8504

■ 56.0034, 56.8942,
52.2865

■ 14.8486, 15.8997,
46.5429

■ 63.3060, 63.1190,
53.1031

■ 14.0016, 14.4934,
46.3161

■ 71.3010, 69.8184,
53.9749

■ 74.4288, 74.1278,
54.6418

■ 76.3269, 77.9240,
55.2745

Harmonies

Analogous

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



27.3657, 32.4588, 44.0517



29.1538, 32.4588, 48.9846



31.4855, 32.4588, 50.0408

Triad

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



29.1538, 32.4588, 48.9846



35.6287, 32.4588, 33.5681



28.1154, 32.4588, 25.9425

Complementary

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



29.1538, 32.4588, 48.9846



33.3636, 32.2680, 23.5394

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.



30.2253, 32.4588, 23.8467



29.1538, 32.4588, 48.9846



34.6205, 32.4588, 27.8635

Square

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



29.1538, 32.4588, 48.9846



35.3054, 32.4588, 40.5301



32.6131, 32.4588, 24.5016



26.7882, 32.4588, 30.6169

Rectangle

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



29.1538, 32.4588, 48.9846



33.0497, 32.4588, 48.2924



32.6131, 32.4588, 24.5016



28.7523, 32.4588, 24.9425

Sweetspot

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



29.1548, 32.4601, 48.9854



70.5486, 75.6819, 91.1255



30.2473, 39.8242, 33.3828



15.2958, 16.4520, 20.0910



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.



29.1548, 32.4601, 48.9854



48.3304, 54.2971, 88.1688



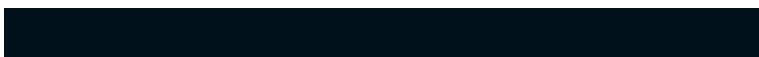
24.8414, 23.8333, 47.5475



8.9597, 9.5967, 11.4596



9.9539, 10.3676, 32.7296



0.4095, 0.4827, 1.1733

Inverse Universe

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



32.7579, 26.8644, 36.2612



56.0057, 43.1447, 60.8916



38.3056, 42.1518, 25.1867



9.2260, 9.1008, 10.5377



15.6380, 7.8289, 11.2463



0.5809, 0.2878, 0.5523

Previews

White Background



This preview shows how the XYZ color 29.1538, 32.4588, 48.9846 looks on a white background.

Color Contrast Check

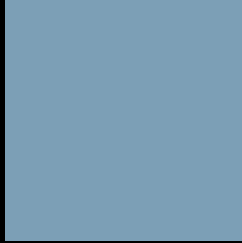
Large Text (above 18pt) WCAG AA × Fail

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 29.1538, 32.4588, 48.9846 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

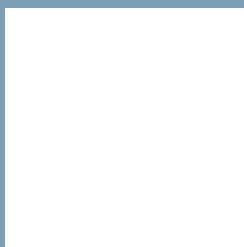
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.1538, 32.4588, 48.9846

Background



This preview shows how black text looks on a background with the XYZ color 29.1538, 32.4588, 48.9846.



This preview shows how white text looks on a background with the XYZ color 29.1538, 32.4588,

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

29.1538, 32.4588, 48.9846

Protanopia

31.8215, 32.3864, 46.6935

Deuteranopia

32.8845, 32.1434, 49.8185



Tritanopia

28.1397, 32.2963, 44.2859

Trichromacy



Original Color

29.1538, 32.4588, 48.9846

Protanomaly

30.6732, 32.2728, 47.2604

Deuteranomaly

31.2662, 32.0410, 49.3364

Tritanomaly

28.5757, 32.4872, 45.8388

Monochromacy



Original Color

29.1538, 32.4588, 48.9846

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.0617, 31.3826, 38.7081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1538, 32.4588, 48.9846 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(124, 159, 182)` looks like.

```
.text, #text, p{  
    color:rgb(124, 159, 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(124, 159, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 159, 182) }
```

Border

The CSS property to change the border of an element to XYZ 29.1538, 32.4588, 48.9846 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(124, 159, 182) }
```


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

```
.border{ border-color:rgb(124, 159, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 159, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 159, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 159, 182);  
box-shadow:4px 4px 4px 4px rgb(124, 159,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1538, 32.4588, 48.9846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 159, 182) }
```

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

```
.background{ background-color: rgb(124,  
159, 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](#).

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