

Converting Colors

XYZ(25.4147, 29.3540, 44.0454)

Have a look what the booklet for
XYZ(25.4147, 29.3540, 44.0454)
contains.

XYZ(25.4051, 29.3795, 43.8670)	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(25.4051, 29.3795,
43.8670)**

Conversions

Conversions Part 1

Format	Color
Hex	6D9AAD
RGB	109, 154, 173
RGB Percent	43%, 60%, 68%
CMY	0.5725, 0.3961, 0.3216
CMYK	0.37, 0.11, 0.00, 0.32
HSL	198°, 28%, 55%
HSV	198°, 37%, 68%
XYZ	25.4051, 29.3795, 43.8670
YIQ	142.7110, -32.9190, -3.6310

Conversions

Conversions Part 2

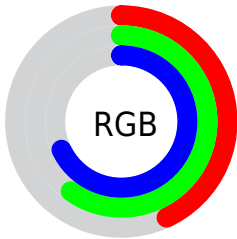
Format	Color
RYB	109, 135, 173
Decimal	7183021
CIELab	61.12, -10.31, -14.76
CIELCh	61, 18.003, 235.054
Yxy	29.3795, 0.2575, 0.2978
Android (android.graphics.Color)	4285373101 (0xFF6D9AAD)
YUV	142.7110, 14.9325, -29.5645
Hunter-Lab	54.2029, -11.1913, -10.0421

Details

The XYZ color **25.4051, 29.3795, 43.8670** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.7136, 25.4273, 17.9161**, and the grayscale version is **25.9458, 27.2970, 29.7264**.

A 20% lighter version of the original color is **51.6637, 58.4997, 81.9674**, and **9.9888, 11.9508, 19.8694** is the 20% darker color. If you saturate the color by 10%, you get **22.6533, 26.7300, 43.5011**, and if you desaturate by 10%, it is **28.6138, 32.3198, 44.2659**.

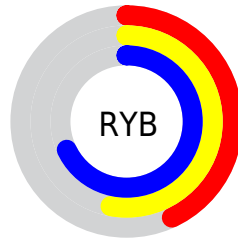
Distribution



Red (43%)

Green (60%)

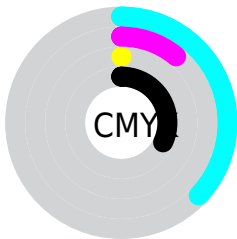
Blue (68%)



Red (43%)

Yellow (53%)

Blue (68%)

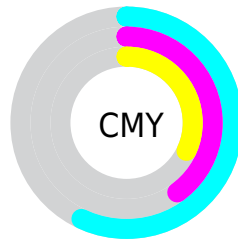


Cyan (37%)

Magenta (11%)

Yellow (0%)

Black (32%)



Cyan (57%)

Magenta (40%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4051, 29.3795, 43.8670 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 25.4051, 29.3795, 43.8670 by changing the saturation by 10% instead.

■ 25.4051, 29.3795,
43.8670

■ 25.4051, 29.3795,
43.8670

272.1600,
299.0014, 378.1907

■ 16.5095, 19.3681,
30.2295

■ 51.7518, 58.6795,
82.3179

■ 9.9785, 11.9366,
19.7593

■ 69.9336, 78.7369,
107.9684

■ 5.4469, 6.7005,
12.0379

■ 91.9415, 102.9117,
138.4604

■ 2.5492, 3.2755,
6.6466

■ 118.1409,
131.5884, 174.2124

■ 0.9201, 1.2772,
3.1670

148.8971,
165.1513, 215.6428

■ 0.0000, 0.1234,
1.1805

184.5754,

■ 0.0000, 0.0000,

203.9848, 263.1703

0.0000

225.5412,
248.4734, 317.2135

■ 25.4051, 29.3795,
43.8670

■ 25.4051, 29.3795,
43.8670

■ 22.6533, 26.7300,
43.5011

■ 28.6138, 32.3198,
44.2659

■ 20.3307, 24.3543,
43.1650

■ 32.2999, 35.5599,
44.6971

■ 18.4103, 22.2384,
42.8578

■ 36.4857, 39.1128,
45.1622

■ 16.8610, 20.3656,
42.5780

■ 41.1914, 42.9895,
45.6625

■ 15.6465, 18.7166,
42.3237

■ 46.4359, 47.2004,
46.1988

■ 14.7144, 17.2635,
42.0923

■ 52.2372, 51.7553,
46.7723

■ 14.4588, 16.8490,
42.0258

■ 58.6125, 56.6637,
47.3837

■ 65.5782, 61.9346,
48.0339

■ 69.4891, 65.6895,
48.5526

Harmonies

Analogous

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



24.0123, 29.3795, 37.8138



25.4051, 29.3795, 43.8670



27.5350, 29.3795, 46.7607

Triad

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



25.4051, 29.3795, 43.8670



32.6932, 29.3795, 33.1228



26.0466, 29.3795, 21.6022

Complementary

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



25.4051, 29.3795, 43.8670



27.7136, 25.4273, 17.9161

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.



28.3174, 29.3795, 20.7109



25.4051, 29.3795, 43.8670



32.2398, 29.3795, 26.7959

Square

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



25.4051, 29.3795, 43.8670



31.8112, 29.3795, 40.0250



30.6048, 29.3795, 22.4761



24.3677, 29.3795, 25.1082

Rectangle

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



25.4051, 29.3795, 43.8670



29.1195, 29.3795, 46.2505



30.6048, 29.3795, 22.4761



26.7623, 29.3795, 21.0098

Sweetspot

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



25.4060, 29.3806, 43.8677



62.0840, 67.3068, 80.5251



25.0904, 34.6748, 25.4956



13.2801, 14.4473, 17.4764



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.4060, 29.3806, 43.8677



41.5987, 48.8839, 78.0488



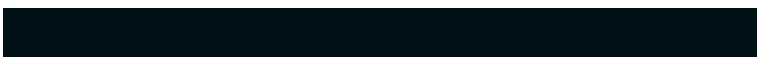
20.9167, 20.4021, 42.3713



8.0325, 8.6645, 10.2017



10.6735, 12.4809, 30.8910



0.3415, 0.4363, 0.8742

Inverse Universe

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



28.5357, 22.1555, 33.3454



48.1430, 34.6914, 55.8414



32.4156, 34.8312, 19.4835



8.2342, 8.1069, 9.5443



15.2511, 7.5630, 14.2338



0.4468, 0.2194, 0.5144

Previews

White Background



This preview shows how the XYZ color 25.4051, 29.3795, 43.8670 looks on a white background.

Color Contrast Check

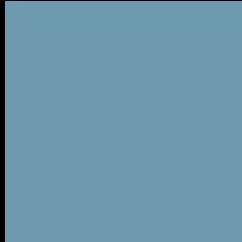
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4051, 29.3795, 43.8670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

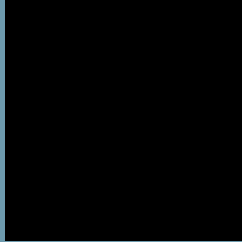
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4051, 29.3795, 43.8670

Background



This preview shows how black text looks on a background with the XYZ color 25.4051, 29.3795, 43.8670.



This preview shows how white text looks on a background with the XYZ color 25.4051, 29.3795,

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

25.4051, 29.3795, 43.8670

Protanopia

28.6745, 29.2246, 41.1754

Deuteranopia

29.7437, 29.2447, 44.6346



Tritanopia

24.8807, 29.4209, 40.9267

Trichromacy



Original Color

25.4051, 29.3795, 43.8670

Protanomaly

27.3632, 29.2225, 42.2285

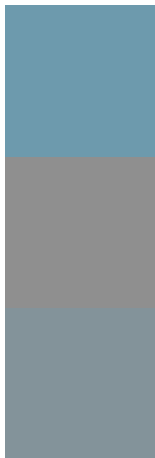
Deuteranomaly

27.9028, 29.2223, 44.2142

Tritanomaly

25.0671, 29.4954, 41.9081

Monochromacy



Original Color

25.4051, 29.3795, 43.8670

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.6265, 28.0258, 34.6307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4051, 29.3795, 43.8670 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(109, 154, 173)` looks like.

```
.text, #text, p{  
    color:rgb(109, 154, 173)  
}
```

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(109, 154, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 154, 173) }
```

Border

The CSS property to change the border of an element to XYZ 25.4051, 29.3795, 43.8670 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(109, 154, 173) }
```


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

```
.border{ border-color:rgb(109, 154, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 154, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 154, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 154, 173);  
box-shadow:4px 4px 4px 4px rgb(109, 154,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4051, 29.3795, 43.8670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 154, 173) }
```

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

```
.background{ background-color: rgb(109,  
154, 173) }
```

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