

Converting Colors

XYZ(24.4102, 29.8474, 43.0064)

Have a look what the booklet for
XYZ(24.4102, 29.8474, 43.0064)
contains.

XYZ(24.4014, 29.8808, 43.0096)	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(24.4014, 29.8808,
43.0096)**

Conversions

Conversions Part 1

Format	Color
Hex	609EAB
RGB	96, 158, 171
RGB Percent	38%, 62%, 67%
CMY	0.6235, 0.3804, 0.3294
CMYK	0.44, 0.08, 0.00, 0.33
HSL	190°, 31%, 52%
HSV	190°, 44%, 67%
XYZ	24.4014, 29.8808, 43.0096
YIQ	140.9440, -41.1250, -9.1010

Conversions

Conversions Part 2

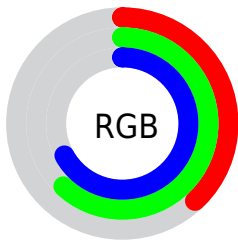
Format	Color
RYB	96, 130, 171
Decimal	6332075
CIELab	61.55, -16.49, -13.04
CIELCh	62, 21.022, 218.327
Yxy	29.8808, 0.2508, 0.3071
Android (android.graphics.Color)	4284522155 (0xFF609EAB)
YUV	140.9440, 14.8176, -39.4159
Hunter-Lab	54.6633, -15.9795, -8.3856

Details

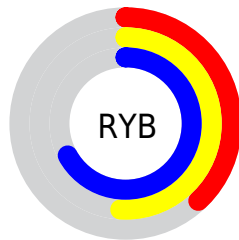
The XYZ color **24.4014, 29.8808, 43.0096** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.3751, 20.4402, 13.7277**, and the grayscale version is **25.2516, 26.5666, 28.9310**.

A 20% lighter version of the original color is **50.0994, 59.5635, 80.8079**, and **9.5019, 12.3187, 19.3297** is the 20% darker color. If you saturate the color by 10%, you get **22.2950, 28.0541, 42.7686**, and if you desaturate by 10%, it is **26.9131, 31.9359, 43.2744**.

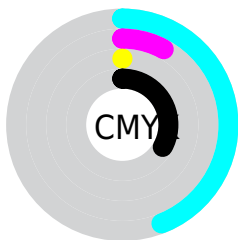
Distribution



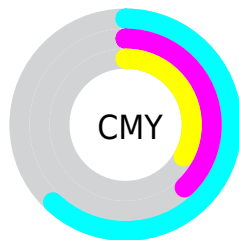
- Red (38%)
- Green (62%)
- Blue (67%)



- Red (38%)
- Yellow (51%)
- Blue (67%)



- Cyan (44%)
- Magenta (8%)
- Yellow (0%)
- Black (33%)



- Cyan (62%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4014, 29.8808, 43.0096 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 24.4014, 29.8808, 43.0096 by changing the saturation by 10% instead.

■ 24.4014, 29.8808,
43.0096

■ 24.4014, 29.8808,
43.0096

267.2466,
301.3484, 374.5736

■ 15.7580, 19.7481,
29.5612

■ 50.1344, 59.4736,
81.0119

■ 9.4428, 12.2121,
19.2565

■ 67.9546, 79.7026,
106.4028

■ 5.0905, 6.8883,
11.6771

■ 89.5645, 104.0657,
136.6116

■ 2.3358, 3.3923,
6.4044

■ 115.3295,
132.9475, 172.0570

■ 0.8129, 1.3398,
3.0197

145.6148,
166.7322, 213.1573

■ 0.0000, 0.1717,
1.1047

180.7859,

■ 0.0000, 0.0000,

205.8044, 260.3311

0.0000

221.2080,
250.5483, 313.9971

■ 24.4014, 29.8808,
43.0096

■ 24.4014, 29.8808,
43.0096

■ 22.2950, 28.0541,
42.7686

■ 26.9131, 31.9359,
43.2744

■ 20.5655, 26.4390,
42.5480

■ 29.8509, 34.2282,
43.5620

■ 19.1851, 25.0217,
42.3472

■ 33.2372, 36.7700,
43.8742

■ 18.1206, 23.7851,
42.1646

■ 37.0921, 39.5719,
44.2118

■ 17.3325, 22.7084,
41.9983

■ 41.4345, 42.6437,
44.5759

■ 16.9294, 22.0976,
41.9016

■ 46.2822, 45.9947,
44.9672

■ 51.6520, 49.6338,
45.3866

■ 57.5602, 53.5692,
45.8348

■ 64.0220, 57.8092,
46.3126

Harmonies

Analogous

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



23.4222, 29.8808, 34.8086



24.4014, 29.8808, 43.0096



26.4676, 29.8808, 48.9807

Triad

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



24.4014, 29.8808, 43.0096



33.6769, 29.8808, 38.5376



27.6318, 29.8808, 19.5910

Complementary

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



24.4014, 29.8808, 43.0096



24.3751, 20.4402, 13.7277

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.



30.4259, 29.8808, 20.2566



24.4014, 29.8808, 43.0096



34.0392, 29.8808, 30.3629

Square

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



24.4014, 29.8808, 43.0096



31.8550, 29.8808, 46.1190



32.8149, 29.8808, 23.9163



25.2058, 29.8808, 21.9207

Rectangle

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



24.4014, 29.8808, 43.0096



28.2447, 29.8808, 50.4107



32.8149, 29.8808, 23.9163



28.5575, 29.8808, 19.4805

Sweetspot

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



24.4023, 29.8820, 43.0103



59.9340, 66.1538, 78.6120



22.1209, 32.7067, 19.4751



13.0555, 14.5233, 17.5029



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.



24.4023, 29.8820, 43.0103



39.9017, 50.2186, 76.5920



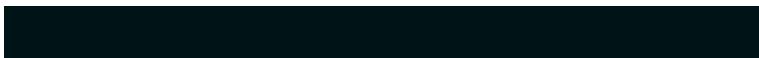
19.0126, 19.1026, 41.2137



8.1165, 8.8323, 10.2297



12.7960, 16.7259, 31.5985



0.3866, 0.5265, 0.8892

Inverse Universe

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



27.1498, 19.4931, 34.6806



45.6539, 29.7002, 58.8761



29.1854, 30.0609, 15.3312



8.2766, 8.1239, 9.7673



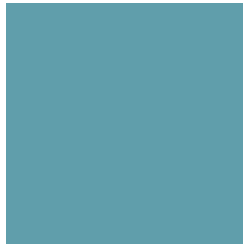
16.3225, 7.9915, 19.8755



0.4695, 0.2285, 0.6342

Previews

White Background



This preview shows how the XYZ color 24.4014, 29.8808, 43.0096 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 24.4014, 29.8808, 43.0096 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

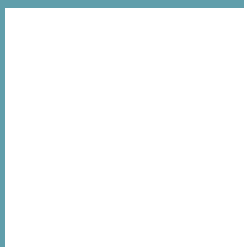
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.4014, 29.8808, 43.0096

Background



This preview shows how black text looks on a background with the XYZ color 24.4014, 29.8808, 43.0096.



This preview shows how white text looks on a background with the XYZ color 24.4014, 29.8808,

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

24.4014, 29.8808, 43.0096

Protanopia

28.9886, 29.6588, 39.3188

Deuteranopia

30.1909, 29.4865, 44.1446



Tritanopia

24.4014, 29.8808, 43.0096

Trichromacy



Original Color

24.4014, 29.8808, 43.0096

Protanomaly

26.9437, 29.5124, 40.8356

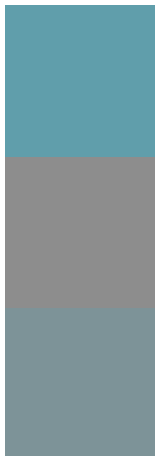
Deuteranomaly

27.4962, 29.2578, 43.7333

Tritanomaly

24.4014, 29.8808, 43.0096

Monochromacy



Original Color

24.4014, 29.8808, 43.0096

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.5587, 27.4944, 33.7183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4014, 29.8808, 43.0096 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(96, 158, 171)` looks like.

```
.text, #text, p{  
    color:rgb(96, 158, 171)  
}
```

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(96, 158, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 158, 171) }
```

Border

The CSS property to change the border of an element to XYZ 24.4014, 29.8808, 43.0096 is called "border". The border property can be set on classes, ids or directly on the HTML element.

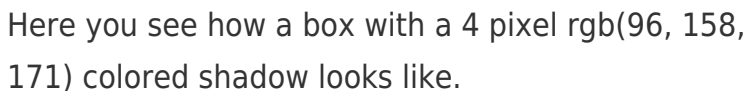
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 158, 171) }
```


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

```
.border{ border-color:rgb(96, 158, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(96, 158, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(96, 158, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(96, 158, 171); box-shadow:4px 4px 4px 4px rgb(96, 158, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4014, 29.8808, 43.0096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 158, 171) }
```

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

```
.background{ background-color: rgb(96, 158,  
171) }
```

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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