

Converting Colors

XYZ(24.0351, 28.1591, 44.4465)

Have a look what the booklet for
XYZ(24.0351, 28.1591, 44.4465)
contains.

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Color

**XYZ(24.0138, 28.1651,
44.2151)**

Conversions

Conversions Part 1

Format	Color
Hex	6398AE
RGB	99, 152, 174
RGB Percent	39%, 60%, 68%
CMY	0.6118, 0.4039, 0.3176
CMYK	0.43, 0.13, 0.00, 0.32
HSL	198°, 32%, 54%
HSV	198°, 43%, 68%
XYZ	24.0138, 28.1651, 44.2151
YIQ	138.6610, -38.6500, -4.3940

Conversions

Conversions Part 2

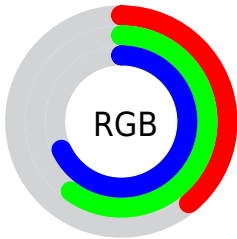
Format	Color
R_{YB}	99, 130, 174
Decimal	6527150
CIE Lab	60.04, -11.66, -17.00
CIE LCh	60, 20.617, 235.566
Yxy	28.1651, 0.2491, 0.2922
Android (android.graphics.Color)	4284717230 (0xFF6398AE)
YUV	138.6610, 17.4221, -34.7827
Hunter-Lab	53.0708, -12.1051, -12.2470

Details


The XYZ color **24.0138, 28.1651, 44.2151** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.5456, 23.5748, 14.9565**, and the grayscale version is **24.3570, 25.6254, 27.9061**.

A 20% lighter version of the original color is **49.4911, 56.6281, 83.1848**, and **9.2487, 11.2704, 20.1003** is the 20% darker color. If you saturate the color by 10%, you get **21.5033, 25.6681, 43.8659**, and if you desaturate by 10%, it is **26.9713, 30.9467, 44.5966**.

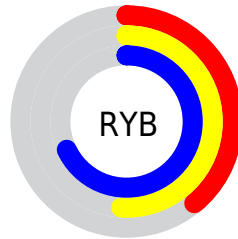
Distribution



 Red (39%)

 Green (60%)

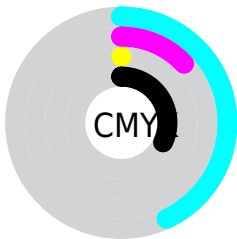
 Blue (68%)




 Red (39%)

 Yellow (51%)

 Blue (68%)

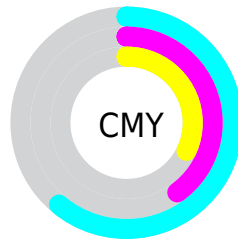



 Cyan (43%)


 Magenta (13%)

 Yellow (0%)

 Black (32%)



 Cyan (61%)

 Magenta (40%)

 Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0138, 28.1651, 44.2151 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 24.0138, 28.1651, 44.2151 by changing the saturation by 10% instead.

■ 24.0138, 28.1651,
44.2151

■ 24.0138, 28.1651,
44.2151

265.3294,
293.2550, 379.6523

■ 15.4686, 18.4502,
30.5012

■ 49.5072, 56.7479,
82.8472

■ 9.2374, 11.2737,
19.9641

■ 67.1862, 76.3846,
108.6026

■ 4.9547, 6.2512,
12.1851

■ 88.6405, 100.0973,
139.2088

■ 2.2552, 2.9984,
6.7458

■ 114.2355,
128.2704, 175.0845

■ 0.7716, 1.1309,
3.2276

144.3366,
161.2883, 216.6481

■ 0.0000, 0.0042,
1.2120

179.3090,

■ 0.0000, 0.0000,

199.5355, 264.3183

0.0000

219.5181,
243.3962, 318.5135

■ 24.0138, 28.1651,
44.2151

■ 24.0138, 28.1651,
44.2151

■ 21.5033, 25.6681,
43.8659

■ 26.9713, 30.9467,
44.5966

■ 19.4102, 23.4379,
43.5458

■ 30.3977, 34.0230,
45.0098

■ 17.7051, 21.4593,
43.2538

■ 34.3167, 37.4075,
45.4565

■ 16.3536, 19.7140,
42.9881

■ 38.7495, 41.1116,
45.9379

■ 15.3146, 18.1799,
42.7468

■ 43.7161, 45.1463,
46.4549

■ 14.7184, 17.2127,
42.5915

■ 49.2351, 49.5220,
47.0086

■ 55.3246, 54.2483,
47.5999

■ 62.0016, 59.3347,
48.2298

■ 69.0597, 64.6753,
48.8886

Harmonies

Analogous

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



22.4665, 28.1651, 37.3442



24.0138, 28.1651, 44.2151



26.3814, 28.1651, 47.4722

Triad

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



24.0138, 28.1651, 44.2151



32.1295, 28.1651, 31.7993



24.6485, 28.1651, 19.3792

Complementary

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



24.0138, 28.1651, 44.2151



26.5456, 23.5748, 14.9565

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.



27.1626, 28.1651, 18.3854



24.0138, 28.1651, 44.2151



31.5909, 28.1651, 24.8373

Square

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



24.0138, 28.1651, 44.2151



31.1568, 28.1651, 39.5975



29.7296, 28.1651, 20.2146



22.8158, 28.1651, 23.1916

Rectangle

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



24.0138, 28.1651, 44.2151



28.1488, 28.1651, 46.8230



29.7296, 28.1651, 20.2146



25.4372, 28.1651, 18.7341

Sweetspot

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



24.0147, 28.1662, 44.2158



62.1495, 67.7705, 82.4422



23.6877, 34.2875, 23.2195



13.4528, 14.7553, 18.2834



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



24.0147, 28.1662, 44.2158



39.0801, 46.6366, 79.5789



18.9456, 18.0281, 42.5261



8.0349, 8.6692, 10.2025



10.7284, 12.5907, 30.9093



0.3427, 0.4387, 0.8746

Inverse Universe

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



27.5856, 20.1902, 32.1501



46.6761, 31.0670, 53.5999



31.8926, 34.2687, 16.7388



8.2354, 8.1074, 9.5506



15.2788, 7.5741, 14.3797



0.4474, 0.2196, 0.5176

Previews

White Background



This preview shows how the XYZ color 24.0138, 28.1651, 44.2151 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 24.0138, 28.1651, 44.2151 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 24.0138, 28.1651, 44.2151

Background



This preview shows how black text looks on a background with the XYZ color 24.0138, 28.1651, 44.2151.



This preview shows how white text looks on a background with the XYZ color 24.0138, 28.1651,

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

24.0138, 28.1651, 44.2151

Protanopia

27.5378, 27.9610, 40.9914

Deuteranopia

28.5167, 27.9351, 44.9633



Tritanopia

23.2039, 28.0770, 40.2728

Trichromacy



Original Color

24.0138, 28.1651, 44.2151

Protanomaly

25.8468, 27.7451, 42.0233

Deuteranomaly

26.4674, 27.7816, 44.5248

Tritanomaly

23.5897, 28.2437, 41.7444

Monochromacy



Original Color

24.0138, 28.1651, 44.2151

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.9529, 26.4986, 33.5581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0138, 28.1651, 44.2151 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(99, 152, 174)` looks like.

```
.text, #text, p{  
    color:rgb(99, 152, 174)  
}
```

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(99, 152, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 152, 174) }
```

Border

The CSS property to change the border of an element to XYZ 24.0138, 28.1651, 44.2151 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(99, 152, 174) }
```


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

```
.border{ border-color:rgb(99, 152, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 152, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 152, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 152, 174);  
box-shadow:4px 4px 4px 4px rgb(99, 152,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0138, 28.1651, 44.2151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 152, 174) }
```

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

```
.background{ background-color: rgb(99, 152,  
174) }
```

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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