

Converting Colors

XYZ(24.5381, 28.1233, 43.2254)

Have a look what the booklet for
XYZ(24.5381, 28.1233, 43.2254)
contains.

XYZ(24.5764, 28.2376, 43.1848)	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(24.5764, 28.2376,
43.1848)**

Conversions

Conversions Part 1

Format	Color
Hex	6B97AC
RGB	107, 151, 172
RGB Percent	42%, 59%, 67%
CMY	0.5804, 0.4078, 0.3255
CMYK	0.38, 0.12, 0.00, 0.33
HSL	199°, 28%, 55%
HSV	199°, 38%, 67%
XYZ	24.5764, 28.2376, 43.1848
YIQ	140.2380, -32.9650, -2.7970

Conversions

Conversions Part 2

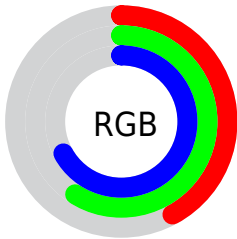
Format	Color
RYB	107, 133, 172
Decimal	7051180
CIELab	60.10, -9.49, -15.73
CIELCh	60, 18.373, 238.902
Yxy	28.2376, 0.2560, 0.2941
Android (android.graphics.Color)	4285241260 (0xFF6B97AC)
YUV	140.2380, 15.6587, -29.1497
Hunter-Lab	53.1391, -10.4385, -10.9862

Details

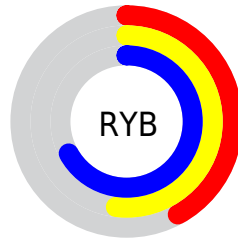
The XYZ color **24.5764, 28.2376, 43.1848** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.3867, 25.2709, 17.3450**, and the grayscale version is **24.9707, 26.2711, 28.6092**.

A 20% lighter version of the original color is **50.3944, 56.7858, 80.9777**, and **9.5229, 11.2826, 19.4452** is the 20% darker color. If you saturate the color by 10%, you get **21.8375, 25.5298, 42.8070**, and if you desaturate by 10%, it is **27.7706, 31.2439, 43.5972**.

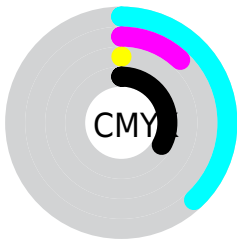
Distribution



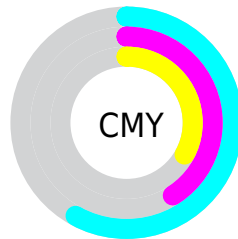
- Red (42%)
- Green (59%)
- Blue (67%)



- Red (42%)
- Yellow (52%)
- Blue (67%)



- Cyan (38%)
- Magenta (12%)
- Yellow (0%)
- Black (33%)



- Cyan (58%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5764, 28.2376, 43.1848 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 24.5764, 28.2376, 43.1848 by changing the saturation by 10% instead.

■ 24.5764, 28.2376,
43.1848

■ 24.5764, 28.2376,
43.1848

268.1085,
293.6005, 375.3147

■ 15.8888, 18.5048,
29.6977

■ 50.4170, 56.8636,
81.2790

■ 9.5358, 11.3130,
19.3591

■ 68.3008, 76.5255,
106.7232

■ 5.1522, 6.2778,
11.7506

■ 89.9806, 100.2661,
136.9900

■ 2.3725, 3.0147,
6.4536

■ 115.8219,
128.4695, 172.4982

■ 0.8314, 1.1394,
3.0496

146.1899,
161.5203, 213.6663

■ 0.0000, 0.0114,
1.1200

181.4502,

■ 0.0000, 0.0000,

199.8028, 260.9127

0.0000

221.9679,
243.7014, 314.6560

■ 24.5764, 28.2376,
43.1848

■ 24.5764, 28.2376,
43.1848

■ 21.8375, 25.5298,
42.8070

■ 27.7706, 31.2439,
43.5972

■ 19.5261, 23.1035,
42.4605

■ 31.4404, 34.5583,
44.0435

■ 17.6154, 20.9447,
42.1445

■ 35.6082, 38.1935,
44.5255

■ 16.0741, 19.0362,
41.8574

■ 40.2940, 42.1609,
45.0443

■ 14.8661, 17.3586,
41.5972

■ 45.5168, 46.4709,
45.6010

■ 13.9329, 15.8808,
41.3612

■ 51.2944, 51.1335,
46.1964

■ 13.7421, 15.5699,
41.3112

■ 57.6440, 56.1583,
46.8317

■ 64.5818, 61.5545,
47.5076

■ 69.5760, 66.0176,
48.1058

Harmonies

Analogous

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



23.0813, 28.2376, 37.4205



24.5764, 28.2376, 43.1848



26.7527, 28.2376, 45.5518

Triad

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



24.5764, 28.2376, 43.1848



31.6052, 28.2376, 30.9940



24.7178, 28.2376, 20.7683

Complementary

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



24.5764, 28.2376, 43.1848



27.3867, 25.2709, 17.3450

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.



26.9255, 28.2376, 19.5560



24.5764, 28.2376, 43.1848



30.9839, 28.2376, 24.9164

Square

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



24.5764, 28.2376, 43.1848



30.8889, 28.2376, 37.9111



29.2364, 28.2376, 20.9593



23.1595, 28.2376, 24.5458

Rectangle

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



24.5764, 28.2376, 43.1848



28.3267, 28.2376, 44.6556



29.2364, 28.2376, 20.9593



25.4043, 28.2376, 20.0739

Sweetspot

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



24.5773, 28.2387, 43.1855



61.9176, 66.9740, 80.4696



24.6855, 34.1790, 25.5755



13.2399, 14.3670, 17.4630



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.



24.5773, 28.2387, 43.1855



40.5384, 47.2473, 77.7888



20.0974, 19.2789, 41.6922



8.0149, 8.6292, 10.1959



10.2776, 11.6891, 30.7590



0.3326, 0.4186, 0.8713

Inverse Universe

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



27.8576, 21.5212, 31.9651



47.4896, 33.9776, 53.7955



32.2529, 35.0033, 18.9671



8.2253, 8.1034, 9.4974



15.0513, 7.4831, 13.1815



0.4423, 0.2176, 0.4909

Previews

White Background



This preview shows how the XYZ color 24.5764, 28.2376, 43.1848 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 24.5764, 28.2376, 43.1848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

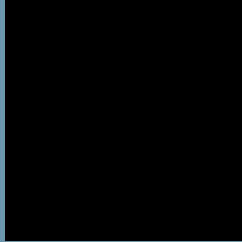
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.5764, 28.2376, 43.1848

Background



This preview shows how black text looks on a background with the XYZ color 24.5764, 28.2376, 43.1848.



This preview shows how white text looks on a background with the XYZ color 24.5764, 28.2376,

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

24.5764, 28.2376, 43.1848

Protanopia

27.6127, 28.0104, 40.5104

Deuteranopia

28.6665, 28.0350, 43.9448



Tritanopia

23.7548, 28.1401, 39.3015

Trichromacy



Original Color

24.5764, 28.2376, 43.1848

Protanomaly

26.3424, 28.0115, 41.5545

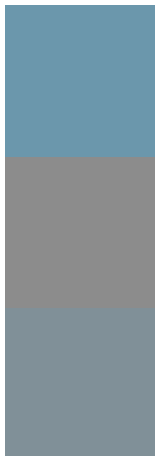
Deuteranomaly

27.0283, 28.0932, 43.5332

Tritanomaly

24.1471, 28.3107, 40.7510

Monochromacy



Original Color

24.5764, 28.2376, 43.1848

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.5428, 26.8027, 33.5857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5764, 28.2376, 43.1848 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(107, 151, 172)` looks like.

```
.text, #text, p{  
    color:rgb(107, 151, 172)  
}
```

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(107, 151, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 151, 172) }
```

Border

The CSS property to change the border of an element to XYZ 24.5764, 28.2376, 43.1848 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(107, 151, 172) }
```


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

```
.border{ border-color:rgb(107, 151, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 151, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 151, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 151, 172);  
box-shadow:4px 4px 4px 4px rgb(107, 151,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5764, 28.2376, 43.1848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 151, 172) }
```

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

```
.background{ background-color: rgb(107,  
151, 172) }
```

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