

Converting Colors

XYZ(24.6507, 30.6248, 33.4812)

Have a look what the booklet for
XYZ(24.6507, 30.6248, 33.4812)
contains.

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Color

**XYZ(24.7579, 30.7884,
33.4920)**

Conversions

Conversions Part 1

Format	Color
Hex	70A096
RGB	112, 160, 150
RGB Percent	44%, 63%, 59%
CMY	0.5608, 0.3725, 0.4118
CMYK	0.30, 0.00, 0.06, 0.37
HSL	167°, 20%, 53%
HSV	167°, 30%, 63%
XYZ	24.7579, 30.7884, 33.4920
YIQ	144.5080, -25.3980, -13.2860

Conversions

Conversions Part 2

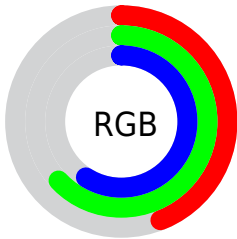
Format	Color
RYB	112, 139, 160
Decimal	7381142
CIELab	62.33, -18.30, 0.04
CIElCh	62, 18.302, 179.868
Yxy	30.7884, 0.2781, 0.3458
Android (android.graphics.Color)	4285571222 (0xFF70A096)
YUV	144.5080, 2.7076, -28.5095
Hunter-Lab	55.4873, -17.4578, 3.0538

Details

The XYZ color **24.7579, 30.7884, 33.4920** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.8053, 20.4678, 21.1096**, and the grayscale version is **26.7117, 28.1028, 30.6039**.

A 20% lighter version of the original color is **50.7166, 60.9598, 66.2201**, and **9.6013, 12.6501, 13.7401** is the 20% darker color. If you saturate the color by 10%, you get **22.6357, 29.7258, 32.0116**, and if you desaturate by 10%, it is **27.2512, 32.0431, 35.0310**.

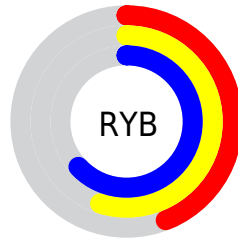
Distribution



Red (44%)

Green (63%)

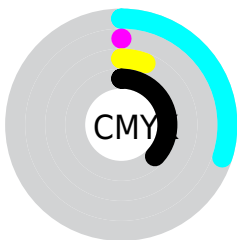
Blue (59%)



Red (44%)

Yellow (55%)

Blue (63%)

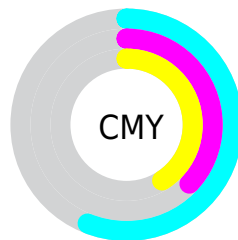


Cyan (30%)

Magenta (0%)

Yellow (6%)

Black (37%)



Cyan (56%)

Magenta (37%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7579, 30.7884, 33.4920 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 24.7579, 30.7884, 33.4920 by changing the saturation by 10% instead.

■ 24.7579, 30.7884,
33.4920

■ 24.7579, 30.7884,
33.4920

269.0000,
305.5623, 332.5607

■ 16.0245, 20.4378,
22.2294

■ 50.7099, 60.9068,
66.2677

■ 9.6325, 12.7137,
13.8256

■ 68.6593, 81.4433,
88.6180

■ 5.2164, 7.2317,
7.8621

■ 90.4114, 106.1439,
115.5012

■ 2.4108, 3.6074,
3.9204

■ 116.3316,
135.3931, 147.3359

■ 0.8505, 1.4565,
1.5818

146.7851,
169.5751, 184.5407

■ 0.0000, 0.2578,
0.2777

182.1375,

■ 0.0000, 0.0000,

209.0743, 227.5340

0.0000

222.7540,
254.2753, 276.7345

■ 24.7579, 30.7884,
33.4920

■ 24.7579, 30.7884,
33.4920

■ 22.6357, 29.7258,
32.0116

■ 27.2512, 32.0431,
35.0310

■ 20.8629, 28.8416,
30.5865

■ 30.1309, 33.4953,
36.6276

■ 19.4193, 28.1262,
29.2160

■ 33.4145, 35.1548,
38.2836

■ 18.2817, 27.5677,
27.8987

■ 37.1176, 37.0297,
40.0001

■ 17.4236, 27.1525,
26.6330

■ 41.2551, 39.1275,
41.7780

■ 16.8141, 26.8645,
25.4172

■ 45.8410, 41.4556,
43.6184

■ 16.3802, 26.6663,
24.2475

■ 50.8887, 44.0210,
45.5222

■ 56.4113, 46.8301,
47.4903

■ 62.0503, 49.6983,
49.5062

Harmonies

Analogous

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



25.3376, 30.7884, 27.1366



24.7579, 30.7884, 33.4920



25.3276, 30.7884, 40.7791

Triad

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



24.7579, 30.7884, 33.4920



31.6980, 30.7884, 46.7854



31.7180, 30.7884, 23.0635

Complementary

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



24.7579, 30.7884, 33.4920



23.8053, 20.4678, 21.1096

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.



33.5872, 30.7884, 27.1837



24.7579, 30.7884, 33.4920



33.5752, 30.7884, 40.8410

Square

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



24.7579, 30.7884, 33.4920



29.2525, 30.7884, 49.0827



34.2849, 30.7884, 33.5547



29.2744, 30.7884, 21.6579

Rectangle

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



24.7579, 30.7884, 33.4920



26.3021, 30.7884, 45.0606



34.2849, 30.7884, 33.5547



32.4392, 30.7884, 24.1454

Sweetspot

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



24.7588, 30.7897, 33.4927



55.1715, 61.0498, 66.7467



23.5792, 30.4796, 19.9701



11.9310, 13.3038, 14.5494



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



24.7588, 30.7897, 33.4927



42.3005, 54.5727, 58.9990



23.3688, 26.6652, 37.1745



6.7626, 7.4858, 8.1845



12.7756, 20.7782, 18.9732



0.2421, 0.3770, 0.4114

Inverse Universe

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



23.8053, 20.4678, 21.1096



40.2892, 32.7577, 32.8469



24.8326, 23.4639, 18.5499



6.6868, 6.6676, 7.2018



11.5243, 5.9143, 1.7462



0.2194, 0.1111, 0.1014

Previews

White Background



This preview shows how the XYZ color 24.7579, 30.7884, 33.4920 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 24.7579, 30.7884, 33.4920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

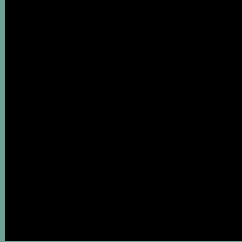
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.7579, 30.7884, 33.4920

Background



This preview shows how black text looks on a background with the XYZ color 24.7579, 30.7884, 33.4920.



This preview shows how white text looks on a background with the XYZ color 24.7579, 30.7884,

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

24.7579, 30.7884, 33.4920

Protanopia

29.1079, 30.3785, 30.7150

Deuteranopia

30.9794, 30.3372, 34.3599



Tritanopia

26.5151, 30.7292, 42.5640

Trichromacy



Original Color

24.7579, 30.7884, 33.4920

Protanomaly

27.2270, 30.3468, 31.6166

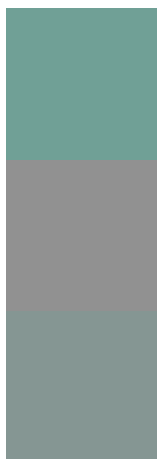
Deuteranomaly

28.0754, 30.0090, 34.0183

Tritanomaly

25.9080, 30.7429, 39.2188

Monochromacy



Original Color

24.7579, 30.7884, 33.4920

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.8457, 28.9058, 31.8209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7579, 30.7884, 33.4920 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(112, 160, 150)` looks like.

```
.text, #text, p{  
    color:rgb(112, 160, 150)  
}
```

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(112, 160, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 160, 150) }
```

Border

The CSS property to change the border of an element to XYZ 24.7579, 30.7884, 33.4920 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(112, 160, 150) }
```


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

```
.border{ border-color:rgb(112, 160, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 160, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 160, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 160, 150);  
box-shadow:4px 4px 4px 4px rgb(112, 160,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7579, 30.7884, 33.4920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 160, 150) }
```

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

```
.background{ background-color: rgb(112,  
160, 150) }
```

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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