

Converting Colors

XYZ(24.3756, 30.4970, 23.4063)

Have a look what the booklet for
XYZ(24.3756, 30.4970, 23.4063)
contains.

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Color

**XYZ(24.4307, 30.5863,
23.3550)**

Conversions

Conversions Part 1

Format	Color
Hex	7D9F7B
RGB	125, 159, 123
RGB Percent	49%, 62%, 48%
CMY	0.5098, 0.3765, 0.5176
CMYK	0.21, 0.00, 0.23, 0.38
HSL	117°, 16%, 55%
HSV	117°, 23%, 62%
XYZ	24.4307, 30.5863, 23.3550
YIQ	144.7300, -8.7080, -18.4040

Conversions

Conversions Part 2

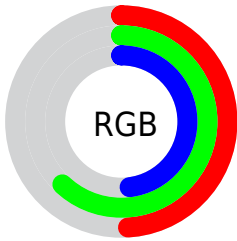
Format	Color
RYB	123, 159, 157
Decimal	8232827
CIELab	62.16, -18.97, 15.03
CIElCh	62, 24.207, 141.612
Yxy	30.5863, 0.3117, 0.3903
Android (android.graphics.Color)	4286422907 (0xFF7D9F7B)
YUV	144.7300, -10.7129, -17.3032
Hunter-Lab	55.3049, -17.9319, 13.6755

Details

The XYZ color **24.4307, 30.5863, 23.3550** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **27.2469, 23.8381, 35.9676**, and the grayscale version is **26.8493, 28.2476, 30.7616**.

A 20% lighter version of the original color is **50.2431, 60.6927, 50.1411**, and **9.3954, 12.5057, 8.3972** is the 20% darker color. If you saturate the color by 10%, you get **21.4862, 29.1751, 18.4367**, and if you desaturate by 10%, it is **27.8700, 32.2357, 29.1417**.

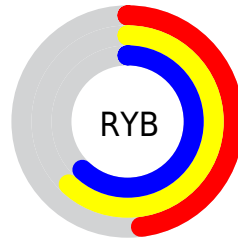
Distribution



Red (49%)

Green (62%)

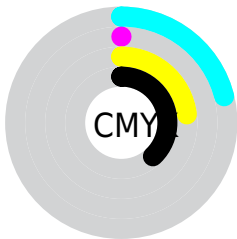
Blue (48%)



Red (48%)

Yellow (62%)

Blue (62%)

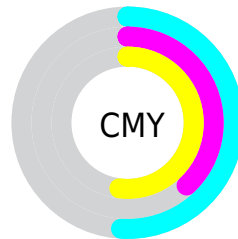


Cyan (21%)

Magenta (0%)

Yellow (23%)

Black (38%)



Cyan (51%)

Magenta (38%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4307, 30.5863, 23.3550 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 24.4307, 30.5863, 23.3550 by changing the saturation by 10% instead.

■ 24.4307, 30.5863,
23.3550

■ 24.4307, 30.5863,
23.3550

267.3910,
304.6279, 282.7239

■ 15.7799, 20.2840,
14.6481

■ 50.1817, 60.5881,
49.9061

■ 9.4584, 12.6017,
8.4289

■ 68.0126, 81.0565,
68.5875

■ 5.1009, 7.1548,
4.2789

■ 89.6343, 105.6824,
91.4307

■ 2.3419, 3.5591,
1.7796

115.4120,
134.8501, 118.8543

■ 0.8160, 1.4301,
0.4144

145.7112,
168.9442, 151.2769

■ 0.0000, 0.2388,
0.0000

180.8972,

■ 0.0000, 0.0000,

208.3489, 189.1170

0.0000

221.3353,
253.4486, 232.7932

■ 24.4307, 30.5863,
23.3550

■ 24.4307, 30.5863,
23.3550

■ 21.4862, 29.1751,
18.4367

■ 27.8700, 32.2357,
29.1417

■ 19.0115, 27.9873,
14.3431

■ 31.8229, 34.1295,
35.8337

■ 16.9829, 27.0128,
11.0295

■ 36.3101, 36.2784,
43.4682

■ 15.3740, 26.2389,
8.4466

■ 41.3505, 38.6914,
52.0799

■ 14.1551, 25.6515,
6.5390

■ 46.9620, 41.3771,
61.7014

■ 13.2932, 25.2349,
5.2438

■ 53.1617, 44.3436,
72.3641

■ 12.7493, 24.9708,
4.4861

■ 59.9662, 47.5988,
84.0979

■ 12.5093, 24.8545,
4.1381

■ 67.3912, 51.1501,
96.9315

■ 71.6887, 53.2775,
101.1129

Harmonies

Analogous

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



26.8237, 30.5863, 19.2488



24.4307, 30.5863, 23.3550



23.3018, 30.5863, 30.7531

Triad

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



24.4307, 30.5863, 23.3550



28.1667, 30.5863, 54.4017



35.2956, 30.5863, 27.1205

Complementary

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



24.4307, 30.5863, 23.3550



27.2469, 23.8381, 35.9676

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.



35.7224, 30.5863, 35.9907



24.4307, 30.5863, 23.3550



31.4412, 30.5863, 52.9314

Square

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



24.4307, 30.5863, 23.3550



25.3508, 30.5863, 49.4451



34.2653, 30.5863, 45.7382



33.1392, 30.5863, 21.1232

Rectangle

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



24.4307, 30.5863, 23.3550



23.3547, 30.5863, 37.0481



34.2653, 30.5863, 45.7382



35.6522, 30.5863, 29.8197

Sweetspot

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



24.4315, 30.5876, 23.3557



53.6939, 59.5413, 58.5850



29.8640, 32.7813, 23.4928



12.0184, 13.3819, 13.0608



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.



24.4315, 30.5876, 23.3557



41.0754, 53.4933, 37.3455



25.1985, 30.8610, 28.9027



6.5832, 7.4178, 7.0705



9.8917, 19.6361, 3.2688



0.1857, 0.3557, 0.0589

Inverse Universe

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



27.2469, 23.8381, 35.9676



46.9912, 39.3062, 63.8536



26.3704, 23.5330, 29.2992



6.8678, 6.7358, 8.3449



14.9136, 7.1173, 26.4950



0.2765, 0.1324, 0.4742

Previews

White Background



This preview shows how the XYZ color 24.4307, 30.5863, 23.3550 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 24.4307, 30.5863, 23.3550 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 24.4307, 30.5863, 23.3550

Background



This preview shows how black text looks on a background with the XYZ color 24.4307, 30.5863, 23.3550.



This preview shows how white text looks on a background with the XYZ color 24.4307, 30.5863,

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

24.4307, 30.5863, 23.3550

Protanopia

28.5342, 30.5155, 21.8389

Deuteranopia

30.9727, 30.3371, 23.9619



Tritanopia

27.7899, 30.4412, 40.4874

Trichromacy



Original Color

24.4307, 30.5863, 23.3550

Protanomaly

26.8140, 30.3416, 22.2126

Deuteranomaly

28.1594, 30.0435, 23.7168

Tritanomaly

26.2796, 30.3118, 33.3198

Monochromacy



Original Color

24.4307, 30.5863, 23.3550

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.9029, 29.0221, 27.9035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4307, 30.5863, 23.3550 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(125, 159, 123)` looks like.

```
.text, #text, p{  
    color:rgb(125, 159, 123)  
}
```

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(125, 159, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 159, 123) }
```

Border

The CSS property to change the border of an element to XYZ 24.4307, 30.5863, 23.3550 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(125, 159, 123) }
```


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

```
.border{ border-color:rgb(125, 159, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 159, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 159, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 159, 123);  
box-shadow:4px 4px 4px 4px rgb(125, 159,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4307, 30.5863, 23.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 159, 123) }
```

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

```
.background{ background-color: rgb(125,  
159, 123) }
```

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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