

Converting Colors

XYZ(24.4463, 31.1966, 31.4390)

Have a look what the booklet for
XYZ(24.4463, 31.1966, 31.4390)
contains.

XYZ(24.4616, 31.2000, 31.5210)	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(24.4616, 31.2000,
31.5210)**

Conversions

Conversions Part 1

Format	Color
Hex	6EA291
RGB	110, 162, 145
RGB Percent	43%, 64%, 57%
CMY	0.5686, 0.3647, 0.4314
CMYK	0.32, 0.00, 0.10, 0.36
HSL	160°, 22%, 53%
HSV	160°, 32%, 64%
XYZ	24.4616, 31.2000, 31.5210
YIQ	144.5140, -25.5350, -16.3110

Conversions

Conversions Part 2

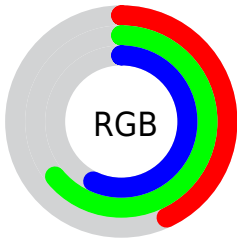
Format	Color
RYB	110, 141, 162
Decimal	7250577
CIELab	62.68, -21.08, 3.34
CIElCh	63, 21.342, 170.987
Yxy	31.2000, 0.2806, 0.3579
Android (android.graphics.Color)	4285440657 (0xFF6EA291)
YUV	144.5140, 0.2396, -30.2688
Hunter-Lab	55.8570, -19.5787, 5.6416

Details

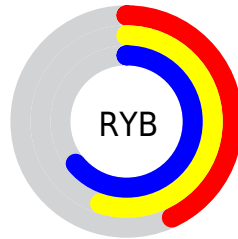
The XYZ color **24.4616, 31.2000, 31.5210** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.3081, 20.3664, 22.7299**, and the grayscale version is **26.7238, 28.1156, 30.6178**.

A 20% lighter version of the original color is **50.2259, 61.5358, 63.2632**, and **9.5050, 12.9387, 12.8229** is the 20% darker color. If you saturate the color by 10%, you get **22.2285, 30.0957, 29.3344**, and if you desaturate by 10%, it is **27.0840, 32.5044, 33.8266**.

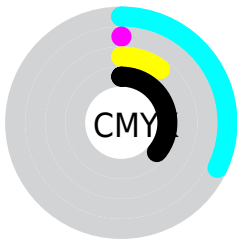
Distribution



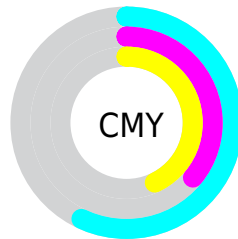
- Red (43%)
- Green (64%)
- Blue (57%)



- Red (43%)
- Yellow (55%)
- Blue (64%)



- Cyan (32%)
- Magenta (0%)
- Yellow (10%)
- Black (36%)



- Cyan (57%)
- Magenta (36%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4616, 31.2000, 31.5210 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 24.4616, 31.2000, 31.5210 by changing the saturation by 10% instead.

■ 24.4616, 31.2000,
31.5210

■ 24.4616, 31.2000,
31.5210

267.5433,
307.4587, 323.3566

■ 15.8030, 20.7512,
20.7341

■ 50.2316, 61.5548,
63.1486

■ 9.4748, 12.9423,
12.7404

■ 68.0738, 82.2296,
84.8263

■ 5.1117, 7.3888,
7.1214

■ 89.7078, 107.0819,
110.9715

■ 2.3484, 3.7064,
3.4586

■ 115.4990,
136.4959, 142.0025

■ 0.8193, 1.5107,
1.3333

145.8128,
170.8563, 178.3380

■ 0.0000, 0.2963,
0.0888

181.0146,

■ 0.0000, 0.0000,

210.5472, 220.3965

0.0000

221.4696,
255.9532, 268.5965

■ 24.4616, 31.2000,
31.5210

■ 24.4616, 31.2000,
31.5210

■ 22.2285, 30.0957,
29.3344

■ 27.0840, 32.5044,
33.8266

■ 20.3618, 29.1773,
27.2623

■ 30.1119, 34.0148,
36.2513

■ 18.8400, 28.4346,
25.3031

■ 33.5638, 35.7416,
38.7979

■ 17.6383, 27.8548,
23.4541

■ 37.4562, 37.6931,
41.4683

■ 16.7285, 27.4233,
21.7128

■ 41.8047, 39.8774,
44.2646

■ 16.0770, 27.1231,
20.0760

■ 46.6241, 42.3022,
47.1887

■ 15.6831, 26.9467,
18.8527

■ 51.9286, 44.9747,
50.2425

■ 57.7318, 47.9018,
53.4277

■ 63.7500, 50.9374,
56.7323

Harmonies

Analogous

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



25.5137, 31.2000, 24.8446



24.4616, 31.2000, 31.5210



24.7284, 31.2000, 40.0441

Triad

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



24.4616, 31.2000, 31.5210



31.7054, 31.2000, 51.2491



33.3205, 31.2000, 22.9737

Complementary

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



24.4616, 31.2000, 31.5210



24.3081, 20.3664, 22.7299

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.



35.1952, 31.2000, 28.5462



24.4616, 31.2000, 31.5210



34.2211, 31.2000, 45.0978

Square

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



24.4616, 31.2000, 31.5210



28.7862, 31.2000, 52.3963



35.5351, 31.2000, 36.5458



30.5404, 31.2000, 20.4684

Rectangle

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



24.4616, 31.2000, 31.5210



25.6260, 31.2000, 45.6109



35.5351, 31.2000, 36.5458



34.0849, 31.2000, 24.5026

Sweetspot

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



24.4625, 31.2013, 31.5217



55.7995, 62.3166, 66.6743



24.5380, 31.5055, 19.5403



12.3528, 13.9063, 14.8383



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.4625, 31.2013, 31.5217



41.2469, 55.0762, 54.1690



24.3989, 28.8166, 38.4601



7.1771, 7.9717, 8.5446



12.3754, 21.2365, 14.9594



0.2803, 0.4543, 0.4212

Inverse Universe

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



24.3081, 20.3664, 22.7299



40.9236, 32.0772, 35.5290



24.2730, 21.9225, 17.7046



7.1648, 7.1224, 7.8543



12.2625, 6.2611, 3.3071



0.2786, 0.1399, 0.1799

Previews

White Background



This preview shows how the XYZ color 24.4616, 31.2000, 31.5210 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 24.4616, 31.2000, 31.5210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

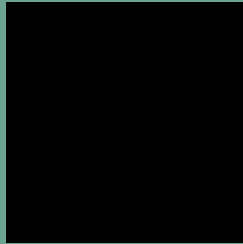
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.4616, 31.2000, 31.5210

Background



This preview shows how black text looks on a background with the XYZ color 24.4616, 31.2000, 31.5210.



This preview shows how white text looks on a background with the XYZ color 24.4616, 31.2000,

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

24.4616, 31.2000, 31.5210

Protanopia

29.4712, 30.8449, 28.8265

Deuteranopia

31.3501, 30.8029, 32.3102



Tritanopia

26.7800, 31.1070, 43.1209

Trichromacy



Original Color

24.4616, 31.2000, 31.5210

Protanomaly

27.1785, 30.6097, 29.6751

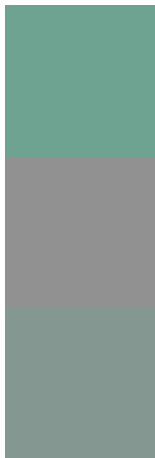
Deuteranomaly

28.3488, 30.6740, 32.0303

Tritanomaly

25.8592, 30.9823, 38.7997

Monochromacy



Original Color

24.4616, 31.2000, 31.5210

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.6932, 29.0831, 31.0475

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4616, 31.2000, 31.5210 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(110, 162, 145)` looks like.

```
.text, #text, p{  
    color:rgb(110, 162, 145)  
}
```

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(110, 162, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 162, 145) }
```

Border

The CSS property to change the border of an element to XYZ 24.4616, 31.2000, 31.5210 is called "border". The border property can be set on classes, ids or directly on the HTML element.

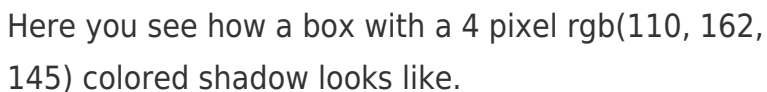
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 162, 145) }
```


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

```
.border{ border-color:rgb(110, 162, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 162, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 162, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 162, 145);  
box-shadow:4px 4px 4px 4px rgb(110, 162,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4616, 31.2000, 31.5210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 162, 145) }
```

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

```
.background{ background-color: rgb(110,  
162, 145) }
```

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