

Converting Colors

XYZ(24.5801, 30.4234, 22.6660)

Have a look what the booklet for
XYZ(24.5801, 30.4234, 22.6660)
contains.

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Color

**XYZ(24.5801, 30.4234,
22.6660)**

Conversions

Conversions Part 1

Format	Color
Hex	809E79
RGB	128, 158, 121
RGB Percent	50%, 62%, 47%
CMY	0.4980, 0.3804, 0.5255
CMYK	0.19, 0.00, 0.23, 0.38
HSL	109°, 16%, 55%
HSV	109°, 23%, 62%
XYZ	24.5801, 30.4234, 22.6660
YIQ	144.8120, -6.0030, -17.8670

Conversions

Conversions Part 2

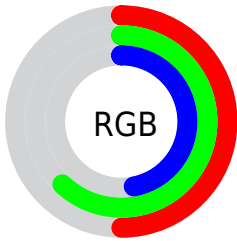
Format	Color
RYB	121, 158, 151
Decimal	8429177
CIELab	62.02, -17.73, 15.98
CIELCh	62, 23.869, 137.966
Yxy	30.4234, 0.3165, 0.3917
Android (android.graphics.Color)	4286619257 (0xFF809E79)
YUV	144.8120, -11.7393, -14.7441
Hunter-Lab	55.1574, -16.9795, 14.2460

Details

The XYZ color **24.5801, 30.4234, 22.6660** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.7729, 22.7237, 35.3771**, and the grayscale version is **26.8858, 28.2860, 30.8035**.

A 20% lighter version of the original color is **50.3931, 60.4294, 48.5432**, and **9.5693, 12.6030, 8.0592** is the 20% darker color. If you saturate the color by 10%, you get **21.8827, 29.1367, 17.8895**, and if you desaturate by 10%, it is **27.6812, 31.9017, 28.2912**.

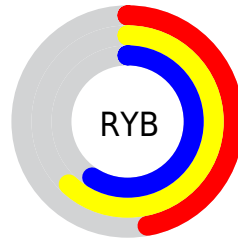
Distribution



Red (50%)

Green (62%)

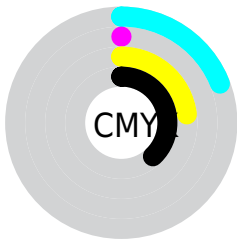
Blue (47%)



Red (47%)

Yellow (62%)

Blue (59%)

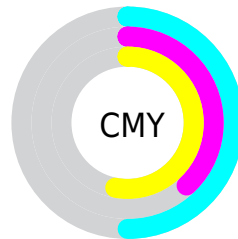


Cyan (19%)

Magenta (0%)

Yellow (23%)

Black (38%)



Cyan (50%)

Magenta (38%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5801, 30.4234, 22.6660 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 24.5801, 30.4234, 22.6660 by changing the saturation by 10% instead.

■ 24.5801, 30.4234,
22.6660

■ 24.5801, 30.4234,
22.6660

268.1267,
303.8731, 279.0709

■ 15.8916, 20.1602,
14.1441

■ 50.4230, 60.3311,
48.7605

■ 9.5378, 12.5115,
8.0811

■ 68.3081, 80.7444,
67.1703

■ 5.1535, 7.0931,
4.0583

■ 89.9894, 105.3098,
89.7130

■ 2.3733, 3.5204,
1.6574

115.8323,
134.4118, 116.8073

■ 0.8318, 1.4091,
0.3313

146.2021,
168.4347, 148.8717

■ 0.0000, 0.2234,
0.0000

181.4642,

■ 0.0000, 0.0000,

207.7630, 186.3248

0.0000

221.9839,
252.7810, 229.5850

■ 24.5801, 30.4234,
22.6660

■ 24.5801, 30.4234,
22.6660

■ 21.8827, 29.1367,
17.8895

■ 27.6812, 31.9017,
28.2912

■ 19.5698, 28.0298,
13.9185

■ 31.1994, 33.5749,
34.8013

■ 17.6243, 27.0959,
10.7094

■ 35.1503, 35.4513,
42.2329

■ 16.0268, 26.3260,
8.2131

■ 39.5482, 37.5374,
50.6201

■ 14.7559, 25.7102,
6.3753

■ 44.4065, 39.8395,
59.9950

■ 13.7879, 25.2376,
5.1337

■ 49.7381, 42.3635,
70.3883

■ 13.0956, 24.8959,
4.4138

■ 55.5555, 45.1153,
81.8295

■ 12.7596, 24.7293,
4.1007

■ 61.8707, 48.1004,
94.3467

■ 67.3456, 50.7843,
100.8606

Harmonies

Analogous

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



27.0586, 30.4234, 19.0238



24.5801, 30.4234, 22.6660



23.3029, 30.4234, 29.5837

Triad

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



24.5801, 30.4234, 22.6660



27.6517, 30.4234, 53.5385



35.1779, 30.4234, 27.9790

Complementary

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



24.5801, 30.4234, 22.6660



25.7729, 22.7237, 35.3771

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.



35.3662, 30.4234, 36.9401



24.5801, 30.4234, 22.6660



30.8576, 30.4234, 52.8906

Square

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



24.5801, 30.4234, 22.6660



24.9866, 30.4234, 48.0255



33.7351, 30.4234, 46.3915



33.2383, 30.4234, 21.6787

Rectangle

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



24.5801, 30.4234, 22.6660



23.2373, 30.4234, 35.6303



33.7351, 30.4234, 46.3915



35.4530, 30.4234, 30.7417

Sweetspot

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



24.5809, 30.4247, 22.6667



54.1893, 59.7967, 58.6082



28.5554, 30.6557, 22.5018



12.1378, 13.4435, 13.0664



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.



24.5809, 30.4247, 22.6667



42.0344, 54.0068, 36.5239



24.2847, 30.1888, 26.4136



6.6620, 7.4584, 7.0742



10.2447, 19.8181, 3.2853



0.2113, 0.3689, 0.0601

Inverse Universe

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



25.7729, 22.7237, 35.3771



44.5740, 37.5718, 63.6462



26.1977, 23.0481, 30.6319



6.7811, 6.6911, 8.3408



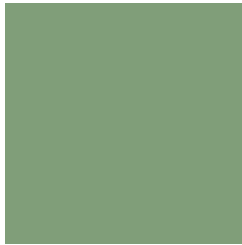
12.1174, 5.6758, 26.3641



0.2457, 0.1165, 0.4728

Previews

White Background



This preview shows how the XYZ color 24.5801, 30.4234, 22.6660 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 24.5801, 30.4234, 22.6660 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 24.5801, 30.4234, 22.6660

Background



This preview shows how black text looks on a background with the XYZ color 24.5801, 30.4234, 22.6660.



This preview shows how white text looks on a background with the XYZ color 24.5801, 30.4234,

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

24.5801, 30.4234, 22.6660

Protanopia

28.2564, 30.1502, 21.1599

Deuteranopia

30.8449, 30.2860, 23.2889



Tritanopia

27.9208, 30.2877, 39.4965

Trichromacy



Original Color

24.5801, 30.4234, 22.6660

Protanomaly

26.7110, 30.0604, 21.5340

Deuteranomaly

28.2272, 30.0931, 23.0597

Tritanomaly

26.4166, 30.1549, 32.4451

Monochromacy



Original Color

24.5801, 30.4234, 22.6660

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.9977, 29.0792, 27.5352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5801, 30.4234, 22.6660 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(128, 158, 121)` looks like.

```
.text, #text, p{  
    color:rgb(128, 158, 121)  
}
```

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(128, 158, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 158, 121) }
```

Border

The CSS property to change the border of an element to XYZ 24.5801, 30.4234, 22.6660 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(128, 158, 121) }
```


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

```
.border{ border-color:rgb(128, 158, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 158, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 158, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 158, 121);  
box-shadow:4px 4px 4px 4px rgb(128, 158,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5801, 30.4234, 22.6660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 158, 121) }
```

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

```
.background{ background-color: rgb(128,  
158, 121) }
```

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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