

Converting Colors

XYZ(24.5651, 30.2125, 24.2302)

Have a look what the booklet for
XYZ(24.5651, 30.2125, 24.2302)
contains.

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Color

**XYZ(24.5753, 30.1323,
24.2595)**

Conversions

Conversions Part 1

Format	Color
Hex	7F9D7E
RGB	127, 157, 126
RGB Percent	50%, 62%, 49%
CMY	0.5020, 0.3843, 0.5059
CMYK	0.19, 0.00, 0.20, 0.38
HSL	118°, 14%, 55%
HSV	118°, 20%, 62%
XYZ	24.5753, 30.1323, 24.2595
YIQ	144.4960, -7.9290, -16.0010

Conversions

Conversions Part 2

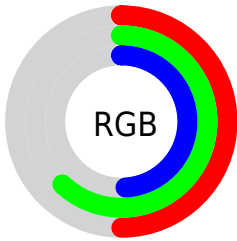
Format	Color
RYB	126, 157, 156
Decimal	8363390
CIELab	61.77, -16.67, 12.84
CIElCh	62, 21.042, 142.408
Yxy	30.1323, 0.3112, 0.3816
Android (android.graphics.Color)	4286553470 (0xFF7F9D7E)
YUV	144.4960, -9.1185, -15.3440
Hunter-Lab	54.8929, -16.1489, 12.2223

Details

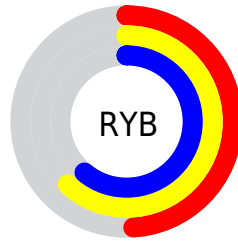
The XYZ color **24.5753, 30.1323, 24.2595** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **27.2580, 24.4247, 35.1776**, and the grayscale version is **26.7481, 28.1410, 30.6456**.

A 20% lighter version of the original color is **50.5026, 60.0449, 51.5759**, and **9.5542, 12.4217, 8.9152** is the 20% darker color. If you saturate the color by 10%, you get **21.5460, 28.6795, 19.2380**, and if you desaturate by 10%, it is **28.1065, 31.8272, 30.1358**.

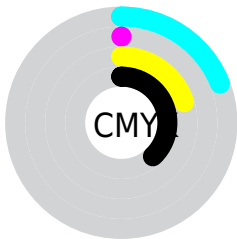
Distribution



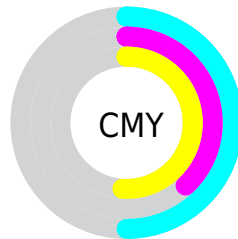
- Red (50%)
- Green (62%)
- Blue (49%)



- Red (49%)
- Yellow (62%)
- Blue (61%)



- Cyan (19%)
- Magenta (0%)
- Yellow (20%)
- Black (38%)



- Cyan (50%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5753, 30.1323, 24.2595 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 24.5753, 30.1323, 24.2595 by changing the saturation by 10% instead.

■ 24.5753, 30.1323,
24.2595

■ 24.5753, 30.1323,
24.2595

268.1031,
302.5206, 287.4585

■ 15.8880, 19.9390,
15.3123

■ 50.4153, 59.8713,
51.4025

■ 9.5353, 12.3507,
8.8898

■ 68.2986, 80.1859,
70.4353

■ 5.1518, 6.9830,
4.5735

■ 89.9780, 104.6430,
93.6670

■ 2.3723, 3.4515,
1.9450

115.8188,
133.6271, 121.5162

■ 0.8313, 1.3717,
0.5211

146.1863,
167.5225, 154.4014

■ 0.0000, 0.1958,
0.0000

181.4460,

■ 0.0000, 0.0000,

206.7136, 192.7412

0.0000

221.9631,
251.5849, 236.9540

■ 24.5753, 30.1323,
24.2595

■ 24.5753, 30.1323,
24.2595

■ 21.5460, 28.6795,
19.2380

■ 28.1065, 31.8272,
30.1358

■ 18.9937, 27.4543,
15.0297

■ 32.1584, 33.7704,
36.9019

■ 16.8946, 26.4461,
11.5923

■ 36.7518, 35.9729,
44.5935

■ 15.2223, 25.6423,
8.8791

■ 41.9055, 38.4437,
53.2436

■ 13.9476, 25.0290,
6.8384

■ 47.6377, 41.1913,
62.8835

■ 13.0374, 24.5904,
5.4115

■ 53.9654, 44.2240,
73.5432

■ 12.4536, 24.3083,
4.5297

■ 60.9053, 47.5496,
85.2514

■ 12.1279, 24.1511,
4.0339

■ 68.4730, 51.1758,
98.0357

■ 12.1209, 24.1477,
4.0221

■ 71.3475, 52.5951,
100.9992

Harmonies

Analogous

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



26.6327, 30.1323, 20.5006



24.5753, 30.1323, 24.2595



23.6195, 30.1323, 30.8103

Triad

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



24.5753, 30.1323, 24.2595



27.9332, 30.1323, 50.6250



33.9210, 30.1323, 27.2660

Complementary

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



24.5753, 30.1323, 24.2595



27.2580, 24.4247, 35.1776

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.



34.3255, 30.1323, 34.8923



24.5753, 30.1323, 24.2595



30.7454, 30.1323, 49.2609

Square

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



24.5753, 30.1323, 24.2595



25.4741, 30.1323, 46.6332



33.1295, 30.1323, 43.1625



32.0576, 30.1323, 22.0286

Rectangle

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



24.5753, 30.1323, 24.2595



23.6888, 30.1323, 36.2411



33.1295, 30.1323, 43.1625



34.2368, 30.1323, 29.6006

Sweetspot

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



24.5761, 30.1336, 24.2602



52.8582, 58.2076, 58.1791



29.5547, 32.4417, 24.4433



11.5393, 12.7642, 12.6487



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.5761, 30.1336, 24.2602



41.3431, 52.6835, 39.0179



25.4302, 30.4581, 29.5313



6.5696, 7.4107, 7.0698



9.8501, 19.6146, 3.2669



0.1813, 0.3534, 0.0587

Inverse Universe

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



27.2580, 24.4247, 35.1776



47.0982, 40.4310, 62.4484



26.2891, 24.0596, 29.0609



6.8830, 6.7437, 8.3456



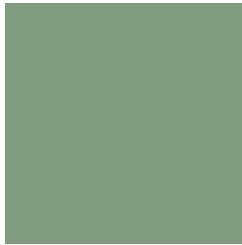
15.4561, 7.3969, 26.5204



0.2822, 0.1353, 0.4745

Previews

White Background



This preview shows how the XYZ color 24.5753, 30.1323, 24.2595 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 24.5753, 30.1323, 24.2595 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 24.5753, 30.1323, 24.2595

Background



This preview shows how black text looks on a background with the XYZ color 24.5753, 30.1323, 24.2595.



This preview shows how white text looks on a background with the XYZ color 24.5753, 30.1323,

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

24.5753, 30.1323, 24.2595

Protanopia

28.3608, 30.1691, 22.7408

Deuteranopia

30.3625, 29.7759, 24.9159



Tritanopia

27.6019, 30.1234, 39.4816

Trichromacy



Original Color

24.5753, 30.1323, 24.2595

Protanomaly

26.8360, 30.0896, 23.1324

Deuteranomaly

27.8126, 29.6083, 24.6712

Tritanomaly

26.4207, 30.1385, 33.2790

Monochromacy



Original Color

24.5753, 30.1323, 24.2595

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.7440, 28.7043, 27.8505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5753, 30.1323, 24.2595 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(127, 157, 126)` looks like.

```
.text, #text, p{  
    color:rgb(127, 157, 126)  
}
```

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(127, 157, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 157, 126) }
```

Border

The CSS property to change the border of an element to XYZ 24.5753, 30.1323, 24.2595 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(127, 157, 126) }
```


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

```
.border{ border-color:rgb(127, 157, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 157, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 157, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 157, 126);  
box-shadow:4px 4px 4px 4px rgb(127, 157,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5753, 30.1323, 24.2595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 157, 126) }
```

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

```
.background{ background-color: rgb(127,  
157, 126) }
```

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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