

Converting Colors

XYZ(24.2322, 30.2103, 23.4090)

Have a look what the booklet for
XYZ(24.2322, 30.2103, 23.4090)
contains.

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Color

**XYZ(24.2595, 30.2438,
23.2979)**

Conversions

Conversions Part 1

Format	Color
Hex	7D9E7B
RGB	125, 158, 123
RGB Percent	49%, 62%, 48%
CMY	0.5098, 0.3804, 0.5176
CMYK	0.21, 0.00, 0.22, 0.38
HSL	117°, 15%, 55%
HSV	117°, 22%, 62%
XYZ	24.2595, 30.2438, 23.2979
YIQ	144.1430, -8.4330, -17.8810

Conversions

Conversions Part 2

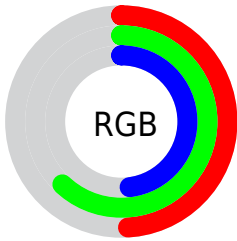
Format	Color
RYB	123, 158, 156
Decimal	8232571
CIELab	61.86, -18.46, 14.63
CIELCh	62, 23.548, 141.606
Yxy	30.2438, 0.3118, 0.3887
Android (android.graphics.Color)	4286422651 (0xFF7D9E7B)
YUV	144.1430, -10.4235, -16.7884
Hunter-Lab	54.9944, -17.4990, 13.3783

Details

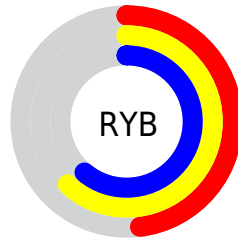
The XYZ color **24.2595, 30.2438, 23.2979** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.9660, 23.7033, 35.5033**, and the grayscale version is **26.6107, 27.9965, 30.4882**.

A 20% lighter version of the original color is **49.9908, 60.1881, 50.0570**, and **9.2917, 12.2983, 8.3627** is the 20% darker color. If you saturate the color by 10%, you get **21.3352, 28.8423, 18.4081**, and if you desaturate by 10%, it is **27.6713, 31.8799, 29.0452**.

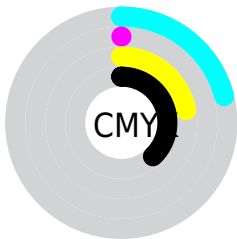
Distribution



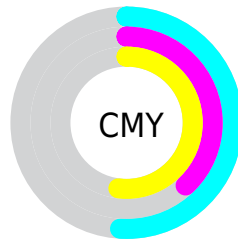
- Red (49%)
- Green (62%)
- Blue (48%)



- Red (48%)
- Yellow (62%)
- Blue (61%)



- Cyan (21%)
- Magenta (0%)
- Yellow (22%)
- Black (38%)



- Cyan (51%)
- Magenta (38%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2595, 30.2438, 23.2979 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 24.2595, 30.2438, 23.2979 by changing the saturation by 10% instead.

■ 24.2595, 30.2438,
23.2979

■ 24.2595, 30.2438,
23.2979

266.5460,
303.0392, 282.4227

■ 15.6520, 20.0237,
14.6063

■ 49.9049, 60.0475,
49.8114

■ 9.3675, 12.4123,
8.4000

■ 67.6736, 80.3999,
68.4703

■ 5.0407, 7.0251,
4.2605

■ 89.2267, 104.8986,
91.2888

■ 2.3062, 3.4778,
1.7693

114.9295,
133.9279, 118.6853

■ 0.7978, 1.3860,
0.4076

145.1476,
167.8722, 151.0784

■ 0.0000, 0.2064,
0.0000

180.2461,

■ 0.0000, 0.0000,

207.1159, 188.8867

0.0000

220.5904,
252.0435, 232.5286

■ 24.2595, 30.2438,
23.2979

■ 24.2595, 30.2438,
23.2979

■ 21.3352, 28.8423,
18.4081

■ 27.6713, 31.8799,
29.0452

■ 18.8738, 27.6611,
14.3328

■ 31.5890, 33.7566,
35.6862

■ 16.8524, 26.6901,
11.0283

■ 36.0328, 35.8845,
43.2574

■ 15.2450, 25.9169,
8.4463

■ 41.0212, 38.2723,
51.7927

■ 14.0229, 25.3280,
6.5325

■ 46.5718, 40.9285,
61.3245

■ 13.1536, 24.9079,
5.2256

■ 52.7013, 43.8611,
71.8833

■ 12.5996, 24.6388,
4.4525

■ 59.4260, 47.0776,
83.4986

■ 12.3405, 24.5132,
4.0811

■ 66.7611, 50.5855,
96.1987

■ 71.5175, 52.9349,
101.0558

Harmonies

Analogous

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



26.5749, 30.2438, 19.3037



24.2595, 30.2438, 23.2979



23.1658, 30.2438, 30.4650

Triad

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



24.2595, 30.2438, 23.2979



27.8716, 30.2438, 53.2206



34.7464, 30.2438, 26.9527

Complementary

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



24.2595, 30.2438, 23.2979



26.9660, 23.7033, 35.5033

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.



35.1569, 30.2438, 35.5253



24.2595, 30.2438, 23.2979



31.0319, 30.2438, 51.8120

Square

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



24.2595, 30.2438, 23.2979



25.1493, 30.2438, 48.4648



33.7537, 30.2438, 44.9077



32.6699, 30.2438, 21.1303

Rectangle

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



24.2595, 30.2438, 23.2979



23.2168, 30.2438, 36.5411



33.7537, 30.2438, 44.9077



35.0895, 30.2438, 29.5657

Sweetspot

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



24.2603, 30.2451, 23.2986



53.6998, 59.5443, 58.5853



29.5097, 32.3659, 23.4313



12.0198, 13.3826, 13.0609



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.



24.2603, 30.2451, 23.2986



41.0924, 53.5020, 37.3463



24.9957, 30.5059, 28.6798



6.5841, 7.4182, 7.0705



9.8946, 19.6376, 3.2689



0.1860, 0.3558, 0.0589

Inverse Universe

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



26.9660, 23.7033, 35.5033



46.9669, 39.2936, 63.8525



26.1299, 23.4139, 29.0636



6.8667, 6.7353, 8.3448



14.8769, 7.0984, 26.4933



0.2762, 0.1322, 0.4742

Previews

White Background



This preview shows how the XYZ color 24.2595, 30.2438, 23.2979 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 24.2595, 30.2438, 23.2979 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 24.2595, 30.2438, 23.2979

Background



This preview shows how black text looks on a background with the XYZ color 24.2595, 30.2438, 23.2979.



This preview shows how white text looks on a background with the XYZ color 24.2595, 30.2438,

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

24.2595, 30.2438, 23.2979

Protanopia

28.1778, 30.0959, 21.7767

Deuteranopia

30.6016, 29.9219, 23.9013



Tritanopia

27.5355, 30.0786, 39.9518

Trichromacy



Original Color

24.2595, 30.2438, 23.2979

Protanomaly

26.4725, 29.9235, 22.1499

Deuteranomaly

27.8091, 29.6290, 23.6553

Tritanomaly

26.1139, 29.9803, 33.2646

Monochromacy



Original Color

24.2595, 30.2438, 23.2979

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.5079, 28.5908, 27.4667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2595, 30.2438, 23.2979 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, 158, 123)` looks like.

```
.text, #text, p{  
    color:rgb(125, 158, 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, 158, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 158, 123) }
```

Border

The CSS property to change the border of an element to XYZ 24.2595, 30.2438, 23.2979 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, 158, 123) }
```


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

```
.border{ border-color:rgb(125, 158, 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, 158, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 158, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 158, 123);  
box-shadow:4px 4px 4px 4px rgb(125, 158,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2595, 30.2438, 23.2979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 158, 123) }
```

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

```
.background{ background-color: rgb(125,  
158, 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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