

Converting Colors

XYZ(24.1787, 28.8051, 25.7737)

Have a look what the booklet for
XYZ(24.1787, 28.8051, 25.7737)
contains.

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Color

**XYZ(24.2404, 28.9332,
25.7798)**

Conversions

Conversions Part 1

Format	Color
Hex	7F9983
RGB	127, 153, 131
RGB Percent	50%, 60%, 51%
CMY	0.5020, 0.4000, 0.4863
CMYK	0.17, 0.00, 0.14, 0.40
HSL	129°, 11%, 55%
HSV	129°, 17%, 60%
XYZ	24.2404, 28.9332, 25.7798
YIQ	142.7180, -8.4340, -12.3540

Conversions

Conversions Part 2

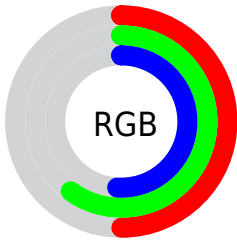
Format	Color
RYB	127, 150, 153
Decimal	8362371
CIELab	60.72, -13.62, 8.55
CIELCh	61, 16.082, 147.875
Yxy	28.9332, 0.3070, 0.3665
Android (android.graphics.Color)	4286552451 (0xFF7F9983)
YUV	142.7180, -5.7770, -13.7847
Hunter-Lab	53.7896, -13.6904, 9.2367

Details

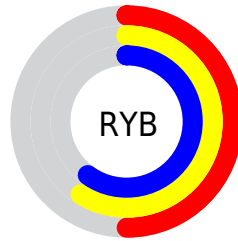
The XYZ color **24.2404, 28.9332, 25.7798** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.1521, 24.1217, 31.7128**, and the grayscale version is **26.0214, 27.3765, 29.8130**.

A 20% lighter version of the original color is **49.7869, 57.7896, 53.8779**, and **9.4162, 11.7316, 9.7508** is the 20% darker color. If you saturate the color by 10%, you get **21.3091, 27.5180, 21.3450**, and if you desaturate by 10%, it is **27.6290, 30.5731, 30.8097**.

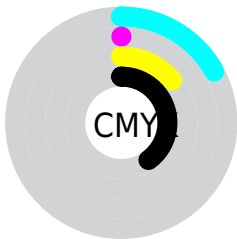
Distribution



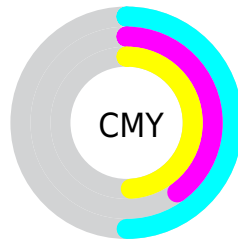
- Red (50%)
- Green (60%)
- Blue (51%)



- Red (50%)
- Yellow (59%)
- Blue (60%)



- Cyan (17%)
- Magenta (0%)
- Yellow (14%)
- Black (40%)



- Cyan (50%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2404, 28.9332, 25.7798 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 24.2404, 28.9332, 25.7798 by changing the saturation by 10% instead.

■ 24.2404, 28.9332,
25.7798

■ 24.2404, 28.9332,
25.7798

266.4516,
296.8997, 295.2705

■ 15.6377, 19.0303,
16.4347

■ 49.8740, 57.9709,
53.8992

■ 9.3574, 11.6922,
9.6746

■ 67.6357, 77.8746,
73.5106

■ 5.0340, 6.5344,
5.0810

■ 89.1812, 101.8805,
97.3812

■ 2.3022, 3.1727,
2.2353

114.8757,
130.3733, 125.9294

■ 0.7958, 1.2225,
0.6946

145.0846,
163.7372, 159.5740

■ 0.0000, 0.0800,
0.0000

180.1733,

■ 0.0000, 0.0000,

202.3566, 198.7333

0.0000

220.5072,
246.6159, 243.8259

■ 24.2404, 28.9332,
25.7798

■ 24.2404, 28.9332,
25.7798

■ 21.3091, 27.5180,
21.3450

■ 27.6290, 30.5731,
30.8097

■ 18.8133, 26.3143,
17.4813

■ 31.4909, 32.4431,
36.4535

■ 16.7326, 25.3129,
14.1662

■ 35.8444, 34.5529,
42.7316

■ 15.0442, 24.5025,
11.3748

■ 40.7059, 36.9108,
49.6630

■ 13.7232, 23.8710,
9.0801

■ 46.0912, 39.5242,
57.2658

■ 12.7417, 23.4044,
7.2530

■ 52.0152, 42.4008,
65.5574

■ 12.0676, 23.0870,
5.8613

■ 58.4924, 45.5475,
74.5545

■ 11.6522, 22.8944,
4.8680

■ 65.5368, 48.9712,
84.2733

■ 11.5519, 22.8476,
4.6403

■ 69.5008, 50.7912,
94.5582

Harmonies

Analogous

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



25.6666, 28.9332, 22.3989



24.2404, 28.9332, 25.7798



23.6826, 28.9332, 31.0793

Triad

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



24.2404, 28.9332, 25.7798



27.3517, 28.9332, 44.4371



31.2013, 28.9332, 26.4307

Complementary

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



24.2404, 28.9332, 25.7798



26.1521, 24.1217, 31.7128

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.



31.7074, 28.9332, 31.9312



24.2404, 28.9332, 25.7798



29.4189, 28.9332, 42.7909

Square

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



24.2404, 28.9332, 25.7798



25.4214, 28.9332, 42.2705



31.0397, 28.9332, 38.0169



29.6892, 28.9332, 22.7400

Rectangle

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



24.2404, 28.9332, 25.7798



23.8558, 28.9332, 35.1634



31.0397, 28.9332, 38.0169



31.4979, 28.9332, 28.1065

Sweetspot

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



24.2412, 28.9344, 25.7804



50.7229, 55.3529, 57.0043



27.6359, 30.7152, 24.5511



11.1063, 12.1770, 12.4493



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.2412, 28.9344, 25.7804



41.5357, 50.9094, 43.3491



25.1710, 29.3063, 30.6766



6.1690, 6.9403, 6.8133



9.5554, 18.8856, 3.8794



0.1515, 0.2858, 0.1035

Inverse Universe

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



26.1521, 24.1217, 31.7128



45.5466, 40.8065, 55.7996



25.1782, 23.7322, 26.5843



6.4204, 6.3073, 7.5938



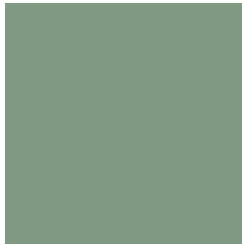
14.1677, 6.9213, 17.9397



0.2215, 0.1074, 0.3193

Previews

White Background



This preview shows how the XYZ color 24.2404, 28.9332, 25.7798 looks on a white background.

Color Contrast Check

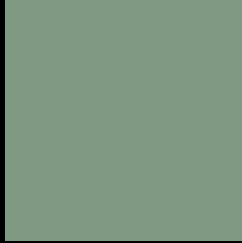
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2404, 28.9332, 25.7798 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 × Fail

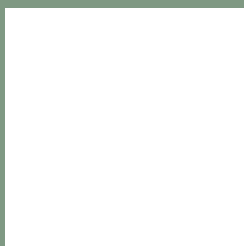
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.2404, 28.9332, 25.7798

Background



This preview shows how black text looks on a background with the XYZ color 24.2404, 28.9332, 25.7798.



This preview shows how white text looks on a background with the XYZ color 24.2404, 28.9332,

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

24.2404, 28.9332, 25.7798

Protanopia

27.2465, 28.8624, 24.2136

Deuteranopia

29.2756, 28.7425, 26.1952



Tritanopia

26.6962, 28.9736, 37.9036

Trichromacy



Original Color

24.2404, 28.9332, 25.7798

Protanomaly

26.1453, 28.9827, 24.6383

Deuteranomaly

27.0528, 28.4961, 25.9042

Tritanomaly

25.6173, 28.7605, 33.0553

Monochromacy



Original Color

24.2404, 28.9332, 25.7798

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.4104, 28.0499, 28.5010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2404, 28.9332, 25.7798 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, 153, 131)` looks like.

```
.text, #text, p{  
    color:rgb(127, 153, 131)  
}
```

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, 153, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 153, 131) }
```

Border

The CSS property to change the border of an element to XYZ 24.2404, 28.9332, 25.7798 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, 153, 131) }
```


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

```
.border{ border-color:rgb(127, 153, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 153, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 153, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 153, 131);  
box-shadow:4px 4px 4px 4px rgb(127, 153,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2404, 28.9332, 25.7798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 153, 131) }
```

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

```
.background{ background-color: rgb(127,  
153, 131) }
```

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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