

Converting Colors

XYZ(24.8765, 25.3589, 24.6203)

Have a look what the booklet for
XYZ(24.8765, 25.3589, 24.6203)
contains.

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Color

**XYZ(24.8660, 25.4231,
24.7157)**

Conversions

Conversions Part 1

Format	Color
Hex	938882
RGB	147, 136, 130
RGB Percent	58%, 53%, 51%
CMY	0.4235, 0.4667, 0.4902
CMYK	0.00, 0.07, 0.12, 0.42
HSL	21°, 7%, 54%
HSV	21°, 12%, 58%
XYZ	24.8660, 25.4231, 24.7157
YIQ	138.6050, 8.4820, 0.4660

Conversions

Conversions Part 2

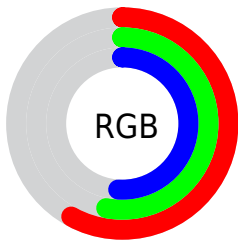
Format	Color
R_{YB}	147, 139, 130
Decimal	9668738
CIE Lab	57.49, 3.04, 4.70
CIE LCh	57, 5.594, 57.099
Yxy	25.4231, 0.3315, 0.3390
Android (android.graphics.Color)	4287858818 (0xFF938882)
YUV	138.6050, -4.2423, 7.3624
Hunter-Lab	50.4213, -0.2075, 6.2319

Details

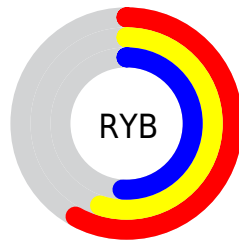
The XYZ color **24.8660, 25.4231, 24.7157** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.9970, 25.9015, 31.3385**, and the grayscale version is **24.4029, 25.6738, 27.9587**.

A 20% lighter version of the original color is **50.8322, 52.2316, 52.2023**, and **9.6369, 9.7365, 9.1560** is the 20% darker color. If you saturate the color by 10%, you get **22.6688, 22.4964, 19.4581**, and if you desaturate by 10%, it is **27.3244, 28.6461, 30.7565**.

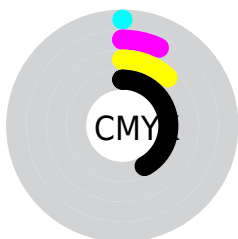
Distribution



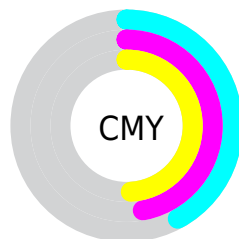
- Red (58%)
- Green (53%)
- Blue (51%)



- Red (58%)
- Yellow (55%)
- Blue (51%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (42%)



- Cyan (42%)
- Magenta (47%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8660, 25.4231, 24.7157 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 24.8660, 25.4231, 24.7157 by changing the saturation by 10% instead.

■ 24.8660, 25.4231,
24.7157

■ 24.8660, 25.4231,
24.7157

269.5299,
279.9385, 289.8213

■ 16.1054, 16.3926,
15.6483

■ 50.8842, 52.3428,
52.1540

■ 9.6901, 9.8024,
9.1240

■ 68.8726, 71.0007,
71.3620

■ 5.2547, 5.2681,
4.7242

■ 90.6676, 93.6366,
94.7872

■ 2.4337, 2.4054,
2.0305

116.6346,
120.6348, 122.8483

■ 0.8620, 0.8287,
0.5739

147.1390,
152.3796, 155.9637

■ 0.0000, 0.0000,
0.0000

182.5461,

189.2556, 194.5520

223.2213,
231.6471, 239.0317

■ 24.8660, 25.4231,
24.7157

■ 24.8660, 25.4231,
24.7157

■ 22.6688, 22.4964,
19.4581

■ 27.3244, 28.6461,
30.7565

■ 20.7217, 19.8541,
14.9498

■ 30.0505, 32.1702,
37.6093

■ 19.0159, 17.4884,
11.1566

■ 33.0532, 36.0044,
45.3036

■ 17.5411, 15.3899,
8.0412

■ 36.3402, 40.1562,
53.8666

■ 16.2863, 13.5485,
5.5627

■ 39.9190, 44.6328,
63.3246

■ 15.2394, 11.9535,
3.6759

■ 43.7967, 49.4412,
73.7026

■ 14.3870, 10.5933,
2.3295

■ 47.9804, 54.5883,
85.0246

■ 13.7138, 9.4551,
1.4631

■ 52.4767, 60.0808,
97.3139

■ 13.2566, 8.6510,
0.9711

■ 56.0939, 65.4456,
104.2835

Harmonies

Analogous

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



25.3216, 25.4231, 26.0446



24.8660, 25.4231, 24.7157



24.2287, 25.4231, 24.1787

Triad

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



24.8660, 25.4231, 24.7157



22.9077, 25.4231, 27.4963



24.7518, 25.4231, 31.0754

Complementary

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



24.8660, 25.4231, 24.7157



23.9970, 25.9015, 31.3385

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.



24.0992, 25.4231, 31.5071



24.8660, 25.4231, 24.7157



23.0420, 25.4231, 29.3855

Square

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



24.8660, 25.4231, 24.7157



23.1049, 25.4231, 25.7372



23.4751, 25.4231, 30.8754



25.2548, 25.4231, 29.7212

Rectangle

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



24.8660, 25.4231, 24.7157



23.7894, 25.4231, 24.3228



23.4751, 25.4231, 30.8754



24.5423, 25.4231, 31.3358

Sweetspot

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



24.8667, 25.4242, 24.7162



48.2448, 50.4029, 53.3691



24.8269, 24.0932, 28.5609



10.9337, 11.4021, 11.9861



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



24.8667, 25.4242, 24.7162



43.4151, 44.0514, 41.5618



26.1036, 27.8980, 25.1285



5.9584, 6.1305, 6.1097



11.5144, 7.5432, 0.8491



0.1668, 0.1440, 0.0190

Inverse Universe

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



23.9970, 25.9015, 31.3385



41.5256, 45.0878, 55.9488



22.7987, 23.5049, 30.9391



5.7935, 6.2210, 7.3652



8.1443, 8.9834, 25.2358



0.1275, 0.1656, 0.3181

Previews

White Background



This preview shows how the XYZ color 24.8660, 25.4231, 24.7157 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 24.8660, 25.4231, 24.7157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

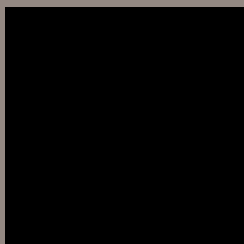
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

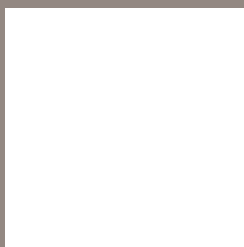
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.8660, 25.4231, 24.7157

Background



This preview shows how black text looks on a background with the XYZ color 24.8660, 25.4231, 24.7157.



This preview shows how white text looks on a background with the XYZ color 24.8660, 25.4231,

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

24.8660, 25.4231, 24.7157

Protanopia

24.3405, 25.5664, 25.1247

Deuteranopia

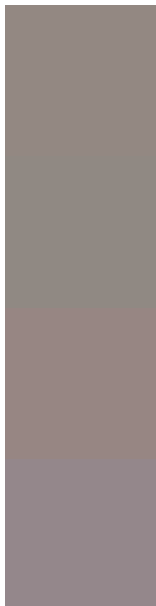
25.8107, 25.2838, 24.9926



Tritanopia

25.9536, 25.4534, 29.9306

Trichromacy



Original Color

24.8660, 25.4231, 24.7157

Protanomaly

24.5440, 25.4593, 25.0933

Deuteranomaly

25.3843, 25.2682, 25.0121

Tritanomaly

25.5369, 25.4879, 27.9998

Monochromacy



Original Color

24.8660, 25.4231, 24.7157

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.6877, 25.7053, 26.9530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8660, 25.4231, 24.7157 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(147, 136, 130)` looks like.

```
.text, #text, p{  
    color:rgb(147, 136, 130)  
}
```

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(147, 136, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 136, 130) }
```

Border

The CSS property to change the border of an element to XYZ 24.8660, 25.4231, 24.7157 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(147, 136, 130) }
```


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

```
.border{ border-color:rgb(147, 136, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 136, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 136, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 136, 130);  
box-shadow:4px 4px 4px 4px rgb(147, 136,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8660, 25.4231, 24.7157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 136, 130) }
```

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

```
.background{ background-color: rgb(147,  
136, 130) }
```

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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