

Converting Colors

XYZ(25.0136, 25.1682, 23.4064)

Have a look what the booklet for
XYZ(25.0136, 25.1682, 23.4064)
contains.

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Color

**XYZ(24.8687, 25.0406,
23.2613)**

Conversions

Conversions Part 1

Format	Color
Hex	96867E
RGB	150, 134, 126
RGB Percent	59%, 53%, 49%
CMY	0.4118, 0.4745, 0.5059
CMYK	0.00, 0.11, 0.16, 0.41
HSL	20°, 10%, 54%
HSV	20°, 16%, 59%
XYZ	24.8687, 25.0406, 23.2613
YIQ	137.8720, 12.1040, 0.9040

Conversions

Conversions Part 2

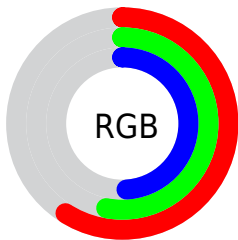
Format	Color
RYB	150, 138, 126
Decimal	9864830
CIELab	57.11, 4.65, 6.50
CIELCh	57, 7.990, 54.439
Yxy	25.0406, 0.3399, 0.3422
Android (android.graphics.Color)	4288054910 (0xFF96867E)
YUV	137.8720, -5.8529, 10.6363
Hunter-Lab	50.0406, 1.1382, 7.4675

Details

The XYZ color **24.8687, 25.0406, 23.2613** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.7821, 25.9831, 32.6162**, and the grayscale version is **24.1276, 25.3841, 27.6433**.

A 20% lighter version of the original color is **50.8088, 51.6327, 49.9360**, and **9.6555, 9.5291, 8.3516** is the 20% darker color. If you saturate the color by 10%, you get **22.6554, 22.0485, 18.1010**, and if you desaturate by 10%, it is **27.3592, 28.3544, 29.2307**.

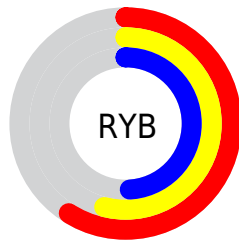
Distribution



Red (59%)

Green (53%)

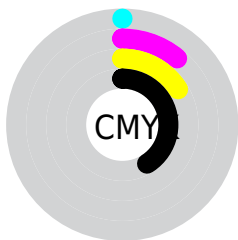
Blue (49%)



Red (59%)

Yellow (54%)

Blue (49%)

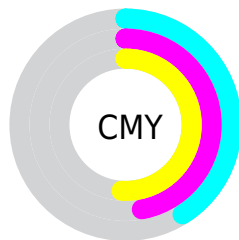


Cyan (0%)

Magenta (11%)

Yellow (16%)

Black (41%)



Cyan (41%)

Magenta (47%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8687, 25.0406, 23.2613 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 24.8687, 25.0406, 23.2613 by changing the saturation by 10% instead.

■ 24.8687, 25.0406,
23.2613

■ 24.8687, 25.0406,
23.2613

269.5431,
278.0401, 282.2295

■ 16.1075, 16.1073,
14.5795

■ 50.8886, 51.7231,
49.7506

■ 9.6916, 9.6001,
8.3814

■ 68.8779, 70.2411,
68.3952

■ 5.2556, 5.1346,
4.2487

■ 90.6740, 92.7227,
91.1978

■ 2.4343, 2.3265,
1.7628

116.6422,
119.5525, 118.5769

■ 0.8622, 0.7877,
0.4032

147.1479,
151.1147, 150.9511

■ 0.0000, 0.0000,
0.0000

182.5563,

187.7937, 188.7389

223.2330,
229.9741, 232.3589

■ 24.8687, 25.0406,
23.2613

■ 24.8687, 25.0406,
23.2613

■ 22.6554, 22.0485,
18.1010

■ 27.3592, 28.3544,
29.2307

■ 20.7073, 19.3649,
13.7130

■ 30.1343, 31.9958,
36.0406

■ 19.0142, 16.9806,
10.0602

■ 33.2038, 35.9749,
43.7226

■ 17.5648, 14.8847,
7.1017

■ 36.5763, 40.3002,
52.3061

■ 16.3466, 13.0657,
4.7924

■ 40.2601, 44.9802,
61.8194

■ 15.3460, 11.5109,
3.0821

■ 44.2630, 50.0227,
72.2892

■ 14.5474, 10.2068,
1.9129

■ 48.5927, 55.4355,
83.7415

■ 13.9306, 9.1372,
1.2017

■ 53.2567, 61.2261,
96.2010

■ 13.7192, 8.7668,
0.9691

■ 57.2803, 67.0092,
104.5228

Harmonies

Analogous

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



25.4867, 25.0406, 25.1759



24.8687, 25.0406, 23.2613



23.9762, 25.0406, 22.4237

Triad

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



24.8687, 25.0406, 23.2613



22.0437, 25.0406, 26.7656



24.5571, 25.0406, 32.2623

Complementary

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



24.8687, 25.0406, 23.2613



23.7821, 25.9831, 32.6162

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.



23.6253, 25.0406, 32.7572



24.8687, 25.0406, 23.2613



22.1901, 25.0406, 29.4665

Square

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



24.8687, 25.0406, 23.2613



22.3579, 25.0406, 24.3597



22.7630, 25.0406, 31.7035



25.3035, 25.0406, 30.3925

Rectangle

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



24.8687, 25.0406, 23.2613



23.3518, 25.0406, 22.5463



22.7630, 25.0406, 31.7035



24.2546, 25.0406, 32.5999

Sweetspot

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



24.8694, 25.0417, 23.2618



48.7029, 50.5938, 52.6065



24.9213, 23.3591, 28.7868



10.7277, 11.1257, 11.4991



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.



24.8694, 25.0417, 23.2618



42.5165, 42.3479, 37.8215



26.6228, 28.5485, 23.8463



5.9494, 6.1126, 6.1067



11.4054, 7.3252, 0.8128



0.1646, 0.1397, 0.0183

Inverse Universe

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



23.7821, 25.9831, 32.6162



40.2456, 44.3123, 57.3532



22.0922, 22.6033, 32.0529



5.8028, 6.2397, 7.3683



8.3742, 9.4432, 25.3124



0.1297, 0.1699, 0.3189

Previews

White Background



This preview shows how the XYZ color 24.8687, 25.0406, 23.2613 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 24.8687, 25.0406, 23.2613 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 24.8687, 25.0406, 23.2613

Background



This preview shows how black text looks on a background with the XYZ color 24.8687, 25.0406, 23.2613.



This preview shows how white text looks on a background with the XYZ color 24.8687, 25.0406,

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

24.8687, 25.0406, 23.2613

Protanopia

23.9318, 25.1744, 23.6765

Deuteranopia

25.3436, 24.8789, 23.2050



Tritanopia

26.0826, 25.1309, 29.0672

Trichromacy



Original Color

24.8687, 25.0406, 23.2613

Protanomaly

24.3120, 25.1604, 23.6537

Deuteranomaly

25.2903, 25.0537, 23.2416

Tritanomaly

25.5940, 25.1319, 26.7946

Monochromacy



Original Color

24.8687, 25.0406, 23.2613

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.4041, 25.3633, 26.1636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8687, 25.0406, 23.2613 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(150, 134, 126)` looks like.

```
.text, #text, p{  
    color:rgb(150, 134, 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(150, 134, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 134, 126) }
```

Border

The CSS property to change the border of an element to XYZ 24.8687, 25.0406, 23.2613 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(150, 134, 126) }
```


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

```
.border{ border-color:rgb(150, 134, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 134, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 134, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 134, 126);  
box-shadow:4px 4px 4px 4px rgb(150, 134,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8687, 25.0406, 23.2613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 134, 126) }
```

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

```
.background{ background-color: rgb(150,  
134, 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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