

Converting Colors

XYZ(25.4042, 25.6386, 25.3280)

Have a look what the booklet for
XYZ(25.4042, 25.6386, 25.3280)
contains.

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Color

**XYZ(25.5467, 25.7583,
25.4552)**

Conversions

Conversions Part 1

Format	Color
Hex	968884
RGB	150, 136, 132
RGB Percent	59%, 53%, 52%
CMY	0.4118, 0.4667, 0.4823
CMYK	0.00, 0.09, 0.12, 0.41
HSL	13°, 8%, 55%
HSV	13°, 12%, 59%
XYZ	25.5467, 25.7583, 25.4552
YIQ	139.7300, 9.6280, 1.7240

Conversions

Conversions Part 2

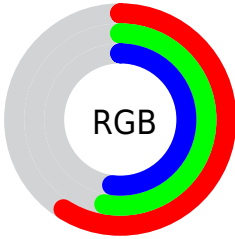
Format	Color
R _Y B	150, 137, 132
Decimal	9865348
CIE Lab	57.81, 4.54, 4.05
CIE LCh	58, 6.085, 41.682
Yxy	25.7583, 0.3328, 0.3356
Android (android.graphics.Color)	4288055428 (0xFF968884)
YUV	139.7300, -3.8109, 9.0068
Hunter-Lab	50.7526, 1.0321, 5.7897

Details

The XYZ color **25.5467, 25.7583, 25.4552** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.2995, 27.6648, 32.8608**, and the grayscale version is **24.8348, 26.1281, 28.4535**.

A 20% lighter version of the original color is **51.8564, 52.7353, 53.3448**, and **10.0347, 9.9328, 9.5719** is the 20% darker color. If you saturate the color by 10%, you get **23.0390, 22.2690, 19.9140**, and if you desaturate by 10%, it is **28.3823, 29.6666, 31.8345**.

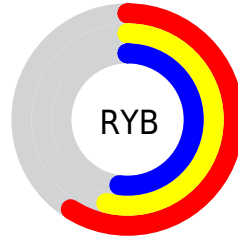
Distribution



Red (59%)

Green (53%)

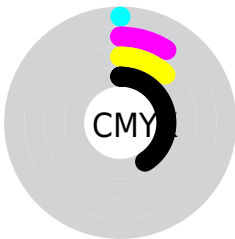
Blue (52%)



Red (59%)

Yellow (54%)

Blue (52%)

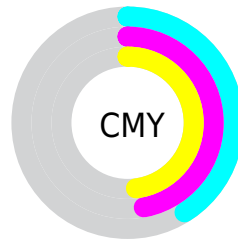


Cyan (0%)

Magenta (9%)

Yellow (12%)

Black (41%)



Cyan (41%)

Magenta (47%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5467, 25.7583, 25.4552 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 25.5467, 25.7583, 25.4552 by changing the saturation by 10% instead.

■ 25.5467, 25.7583,
25.4552

■ 25.5467, 25.7583,
25.4552

272.8474,
281.5936, 293.6172

■ 16.6157, 16.6429,
16.1944

■ 51.9793, 52.8848,
53.3680

■ 10.0545, 9.9802,
9.5060

■ 70.2116, 71.6646,
72.8571

■ 5.4977, 5.3858,
4.9714

■ 92.2751, 94.4348,
96.5927

■ 2.5798, 2.4754,
2.1720

118.5351,
121.5796, 124.9933

■ 0.9357, 0.8643,
0.6582

149.3570,
153.4835, 158.4775

■ 0.0000, 0.0000,
0.0000

185.1061,

190.5309, 197.4639

226.1478,
233.1061, 242.3710

■ 25.5467, 25.7583,
25.4552

■ 25.5467, 25.7583,
25.4552

■ 23.0390, 22.2690,
19.9140

■ 28.3823, 29.6666,
31.8345

■ 20.8450, 19.1813,
15.1743

■ 31.5549, 34.0036,
39.0832

■ 18.9528, 16.4816,
11.1994

■ 35.0761, 38.7831,
47.2328

■ 17.3488, 14.1545,
7.9487

■ 38.9561, 44.0173,
56.3129

■ 16.0182, 12.1832,
5.3783

■ 43.2048, 49.7179,
66.3517

■ 14.9450, 10.5497,
3.4392

■ 47.8317, 55.8959,
77.3762

■ 14.1113, 9.2345,
2.0756

■ 52.8460, 62.5624,
89.4124

■ 13.4968, 8.2158,
1.2223

■ 58.2563, 69.7277,
102.4851

■ 13.1316, 7.5917,
0.7732

■ 62.0781, 76.6048,
106.1221

Harmonies

Analogous

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



25.8841, 25.7583, 27.2397



25.5467, 25.7583, 25.4552



24.9267, 25.7583, 24.3979

Triad

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



25.5467, 25.7583, 25.4552



23.1730, 25.7583, 26.8009



24.7680, 25.7583, 32.1736

Complementary

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



25.5467, 25.7583, 25.4552



25.2995, 27.6648, 32.8608

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.



24.0436, 25.7583, 32.0417



25.5467, 25.7583, 25.4552



23.1324, 25.7583, 28.8689

Square

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



25.5467, 25.7583, 25.4552



23.5602, 25.7583, 25.1477



23.4483, 25.7583, 30.8078



25.4286, 25.7583, 31.1597

Rectangle

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



25.5467, 25.7583, 25.4552



24.4413, 25.7583, 24.2141



23.4483, 25.7583, 30.8078



24.5237, 25.7583, 32.2631

Sweetspot

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



25.5474, 25.7594, 25.4557



48.9994, 50.8591, 53.7154



26.0253, 25.0654, 30.7016



10.7793, 11.1615, 11.7241



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.



25.5474, 25.7594, 25.4557



44.0276, 43.9934, 42.5696



26.8530, 28.3705, 25.8909



5.8992, 6.0122, 6.0900



10.9118, 6.3380, 0.6482



0.1523, 0.1151, 0.0142

Inverse Universe

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



25.2995, 27.6648, 32.8608



43.5148, 47.9322, 57.8796



23.9810, 25.0277, 32.4213



5.8559, 6.3457, 7.3859



9.8316, 12.3581, 25.7982



0.1420, 0.1945, 0.3230

Previews

White Background



This preview shows how the XYZ color 25.5467, 25.7583, 25.4552 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 25.5467, 25.7583, 25.4552 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 25.5467, 25.7583, 25.4552

Background



This preview shows how black text looks on a background with the XYZ color 25.5467, 25.7583, 25.4552.



This preview shows how white text looks on a background with the XYZ color 25.5467, 25.7583,

25.4552.

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

25.5467, 25.7583, 25.4552

Protanopia

24.6498, 25.7101, 25.8537

Deuteranopia

26.2075, 25.6847, 25.4062



Tritanopia

26.5848, 25.7699, 30.3610

Trichromacy



Original Color

25.5467, 25.7583, 25.4552

Protanomaly

25.0334, 25.6958, 25.8307

Deuteranomaly

25.9657, 25.7662, 25.4346

Tritanomaly

26.1601, 25.8007, 28.4122

Monochromacy



Original Color

25.5467, 25.7583, 25.4552

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.2496, 26.2007, 27.3934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5467, 25.7583, 25.4552 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, 136, 132)` looks like.

```
.text, #text, p{  
    color:rgb(150, 136, 132)  
}
```

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, 136, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 136, 132) }
```

Border

The CSS property to change the border of an element to XYZ 25.5467, 25.7583, 25.4552 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, 136, 132) }
```


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

```
.border{ border-color:rgb(150, 136, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 136, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 136, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 136, 132);  
box-shadow:4px 4px 4px 4px rgb(150, 136,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5467, 25.7583, 25.4552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 136, 132) }
```

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

```
.background{ background-color: rgb(150,  
136, 132) }
```

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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