

Converting Colors

XYZ(25.3034, 25.8101, 25.1277)

Have a look what the booklet for
XYZ(25.3034, 25.8101, 25.1277)
contains.

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Color

**XYZ(25.2551, 25.8259,
25.1265)**

Conversions

Conversions Part 1

Format	Color
Hex	948983
RGB	148, 137, 131
RGB Percent	58%, 54%, 51%
CMY	0.4196, 0.4627, 0.4863
CMYK	0.00, 0.07, 0.11, 0.42
HSL	21°, 7%, 55%
HSV	21°, 11%, 58%
XYZ	25.2551, 25.8259, 25.1265
YIQ	139.6050, 8.4820, 0.4660

Conversions

Conversions Part 2

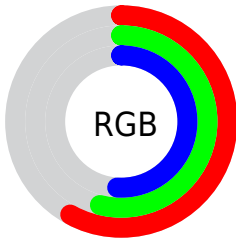
Format	Color
R_{YB}	148, 140, 131
Decimal	9734531
CIE _{Lab}	57.87, 3.03, 4.69
CIE _{LCh}	58, 5.586, 57.103
Yxy	25.8259, 0.3314, 0.3389
Android (android.graphics.Color)	4287924611 (0xFF948983)
YUV	139.6050, -4.2423, 7.3624
Hunter-Lab	50.8192, -0.2262, 6.2587

Details

The XYZ color **25.2551, 25.8259, 25.1265** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.3782, 26.3088, 31.8104**, and the grayscale version is **24.7883, 26.0792, 28.4002**.

A 20% lighter version of the original color is **51.4223, 52.8442, 52.8371**, and **9.8610, 9.9670, 9.3867** is the 20% darker color. If you saturate the color by 10%, you get **23.0219, 22.8516, 19.7817**, and if you desaturate by 10%, it is **27.7538, 29.1014, 31.2674**.

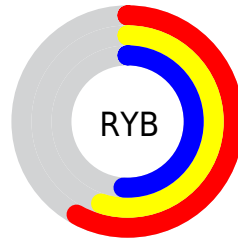
Distribution



Red (58%)

Green (54%)

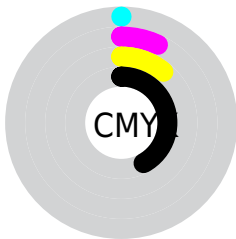
Blue (51%)



Red (58%)

Yellow (55%)

Blue (51%)

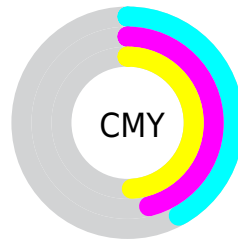


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (42%)



Cyan (42%)

Magenta (46%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2551, 25.8259, 25.1265 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 25.2551, 25.8259, 25.1265 by changing the saturation by 10% instead.

■ 25.2551, 25.8259,
25.1265

■ 25.2551, 25.8259,
25.1265

271.4302,
281.9264, 291.9352

■ 16.3970, 16.6934,
15.9514

■ 51.5107, 52.9939,
52.8290

■ 9.8981, 10.0162,
9.3358

■ 69.6388, 71.7983,
72.1936

■ 5.3932, 5.4097,
4.8611

■ 91.5877, 94.5955,
95.7917

■ 2.5169, 2.4896,
2.1087

117.7227,
121.7698, 124.0420

■ 0.9038, 0.8714,
0.6209

148.4090,
153.7056, 157.3629

■ 0.0000, 0.0000,
0.0000

184.0122,

190.7874, 196.1731

224.8975,
233.3995, 240.8910

■ 25.2551, 25.8259,
25.1265

■ 25.2551, 25.8259,
25.1265

■ 23.0219, 22.8516,
19.7817

■ 27.7538, 29.1014,
31.2674

■ 21.0430, 20.1663,
15.1986

■ 30.5246, 32.6829,
38.2337

■ 19.3092, 17.7622,
11.3423

■ 33.5765, 36.5796,
46.0552

■ 17.8103, 15.6297,
8.1750

■ 36.9174, 40.7991,
54.7598

■ 16.5349, 13.7584,
5.6551

■ 40.5549, 45.3487,
64.3741

■ 15.4709, 12.1377,
3.7368

■ 44.4963, 50.2357,
74.9234

■ 14.6046, 10.7555,
2.3677

■ 48.7486, 55.4669,
86.4324

■ 13.9205, 9.5991,
1.4865

■ 53.3186, 61.0490,
98.9245

■ 13.4525, 8.7753,
0.9848

■ 56.6957, 66.3817,
104.4325

Harmonies

Analogous

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



25.7148, 25.8259, 26.4679



25.2551, 25.8259, 25.1265



24.6121, 25.8259, 24.5844

Triad

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



25.2551, 25.8259, 25.1265



23.2790, 25.8259, 27.9334



25.1400, 25.8259, 31.5438

Complementary

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



25.2551, 25.8259, 25.1265



24.3782, 26.3088, 31.8104

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.



24.4815, 25.8259, 31.9793



25.2551, 25.8259, 25.1265



23.4146, 25.8259, 29.8395

Square

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



25.2551, 25.8259, 25.1265



23.4779, 25.8259, 26.1580



23.8518, 25.8259, 31.3423



25.6475, 25.8259, 30.1777

Rectangle

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



25.2551, 25.8259, 25.1265



24.1688, 25.8259, 24.7300



23.8518, 25.8259, 31.3423



24.9286, 25.8259, 31.8065

Sweetspot

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



25.2558, 25.8270, 25.1271



48.2447, 50.4028, 53.3691



25.2155, 24.4833, 29.0079



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.



25.2558, 25.8270, 25.1271



43.4151, 44.0513, 41.5618



26.5040, 28.3234, 25.5431



5.9584, 6.1305, 6.1097



11.5143, 7.5430, 0.8491



0.1668, 0.1440, 0.0190

Inverse Universe

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



24.3782, 26.3088, 31.8104



41.5256, 45.0879, 55.9488



23.1687, 23.8898, 31.4072



5.7935, 6.2210, 7.3652



8.1445, 8.9837, 25.2358



0.1275, 0.1656, 0.3181

Previews

White Background



This preview shows how the XYZ color 25.2551, 25.8259, 25.1265 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 25.2551, 25.8259, 25.1265 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

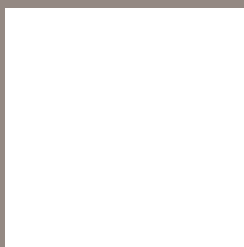
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2551, 25.8259, 25.1265

Background



This preview shows how black text looks on a background with the XYZ color 25.2551, 25.8259, 25.1265.



This preview shows how white text looks on a background with the XYZ color 25.2551, 25.8259,

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

25.2551, 25.8259, 25.1265

Protanopia

24.7252, 25.9708, 25.5395

Deuteranopia

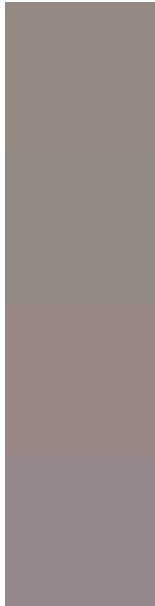
26.2075, 25.6847, 25.4062



Tritanopia

26.3525, 25.8563, 30.3899

Trichromacy



Original Color

25.2551, 25.8259, 25.1265

Protanomaly

24.9304, 25.8626, 25.5078

Deuteranomaly

25.7777, 25.6693, 25.4258

Tritanomaly

25.9322, 25.8913, 28.4417

Monochromacy



Original Color

25.2551, 25.8259, 25.1265

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.0757, 26.1110, 27.3852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2551, 25.8259, 25.1265 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(148, 137, 131)` looks like.

```
.text, #text, p{  
    color:rgb(148, 137, 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(148, 137, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 137, 131) }
```

Border

The CSS property to change the border of an element to XYZ 25.2551, 25.8259, 25.1265 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(148, 137, 131) }
```


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

```
.border{ border-color:rgb(148, 137, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 137, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 137, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 137, 131);  
box-shadow:4px 4px 4px 4px rgb(148, 137,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2551, 25.8259, 25.1265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 137, 131) }
```

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

```
.background{ background-color: rgb(148,  
137, 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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