

Converting Colors

XYZ(25.8595, 25.1967, 31.0824)

Have a look what the booklet for
XYZ(25.8595, 25.1967, 31.0824)
contains.

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Color

**XYZ(25.8667, 25.1775,
31.1002)**

Conversions

Conversions Part 1

Format	Color
Hex	948593
RGB	148, 133, 147
RGB Percent	58%, 52%, 58%
CMY	0.4196, 0.4784, 0.4235
CMYK	0.00, 0.10, 0.01, 0.42
HSL	304°, 7%, 55%
HSV	304°, 10%, 58%
XYZ	25.8667, 25.1775, 31.1002
YIQ	139.0810, 4.4460, 7.5340

Conversions

Conversions Part 2

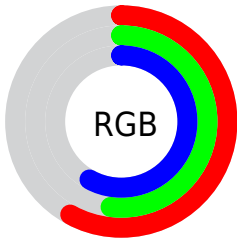
Format	Color
R _Y B	148, 133, 147
Decimal	9733523
CIE Lab	57.25, 8.30, -5.42
CIE LCh	57, 9.911, 326.820
Yxy	25.1775, 0.3149, 0.3065
Android (android.graphics.Color)	4287923603 (0xFF948593)
YUV	139.0810, 3.9041, 7.8220
Hunter-Lab	50.1772, 4.2080, -1.6244

Details

The XYZ color **25.8667, 25.1775, 31.1002** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.5668, 27.8882, 26.6436**, and the grayscale version is **24.5566, 25.8355, 28.1348**.

A 20% lighter version of the original color is **52.4586, 51.8914, 62.5095**, and **10.1343, 9.5724, 12.3799** is the 20% darker color. If you saturate the color by 10%, you get **23.9047, 21.3766, 30.0661**, and if you desaturate by 10%, it is **28.1163, 29.5519, 32.2341**.

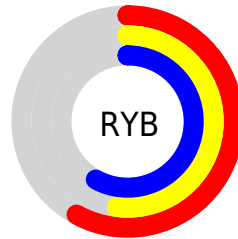
Distribution



Red (58%)

Green (52%)

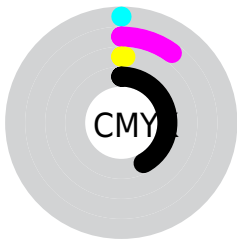
Blue (58%)



Red (58%)

Yellow (52%)

Blue (58%)

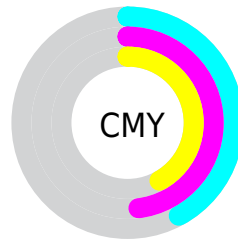


Cyan (0%)

Magenta (10%)

Yellow (1%)

Black (42%)



Cyan (42%)

Magenta (48%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8667, 25.1775, 31.1002 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 25.8667, 25.1775, 31.1002 by changing the saturation by 10% instead.

■ 25.8667, 25.1775,
31.1002

■ 25.8667, 25.1775,
31.1002

274.3958,
278.7208, 321.3652

■ 16.8561, 16.2093,
20.4161

■ 52.4927, 51.9450,
62.4792

■ 10.2266, 9.6724,
12.5108

■ 70.8387, 70.5132,
84.0112

■ 5.6129, 5.1823,
6.9658

■ 93.0273, 93.0502,
109.9961

■ 2.6496, 2.3546,
3.3626

119.4238,
119.9403, 140.8527

■ 0.9713, 0.8024,
1.2826

150.3936,
151.5681, 176.9993

■ 0.0000, 0.0000,
0.0475

186.3019,

■ 0.0000, 0.0000,

188.3178, 218.8546

0.0000

227.5142,
230.5739, 266.8370

■ 25.8667, 25.1775,
31.1002

■ 25.8667, 25.1775,
31.1002

■ 23.9047, 21.3766,
30.0661

■ 28.1163, 29.5519,
32.2341

■ 22.2163, 18.1221,
29.1261

■ 30.6626, 34.5189,
33.4698

■ 20.7895, 15.3897,
28.2766

■ 33.5168, 40.1007,
34.8115

■ 19.6106, 13.1521,
27.5130

■ 36.6890, 46.3175,
36.2625

■ 18.6645, 11.3792,
26.8303

■ 40.1888, 53.1884,
37.8260

■ 17.9349, 10.0380,
26.2229

■ 44.0254, 60.7318,
39.5051

■ 17.4027, 9.0908,
25.6846

■ 48.2077, 68.9654,
41.3027

■ 17.0462, 8.4937,
25.2080

■ 52.7441, 77.9061,
43.2217

■ 16.8100, 8.1348,
24.7795

■ 53.9637, 80.2123,
44.0384

Harmonies

Analogous

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



24.9618, 25.1775, 33.5870



25.8667, 25.1775, 31.1002



26.2520, 25.1775, 27.7736

Triad

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



25.8667, 25.1775, 31.1002



24.0557, 25.1775, 21.4613



21.9750, 25.1775, 30.4305

Complementary

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



25.8667, 25.1775, 31.1002



24.5668, 27.8882, 26.6436

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.



21.7500, 25.1775, 27.0576



25.8667, 25.1775, 31.1002



22.9279, 25.1775, 22.0479

Square

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



25.8667, 25.1775, 31.1002



25.1851, 25.1775, 22.3590



22.0933, 25.1775, 24.0313



22.7181, 25.1775, 33.1787

Rectangle

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



25.8667, 25.1775, 31.1002



26.1532, 25.1775, 25.5884



22.0933, 25.1775, 24.0313



21.8374, 25.1775, 29.3245

Sweetspot

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



25.8674, 25.1786, 31.1007



48.3945, 49.7773, 56.2711



23.5654, 23.9827, 31.4044



10.9766, 11.2252, 12.8100



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.



25.8674, 25.1786, 31.1007



44.8705, 42.9304, 54.4763



25.2979, 24.9508, 28.1016



6.0188, 5.9026, 7.2051



14.3622, 6.9499, 21.1861



0.1798, 0.0867, 0.2806

Inverse Universe

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



25.8674, 25.1786, 31.1007



44.8705, 42.9304, 54.4763



25.1086, 28.1050, 29.4970



6.0188, 5.9026, 7.2051



14.3622, 6.9499, 21.1861



0.1798, 0.0867, 0.2806

Previews

White Background



This preview shows how the XYZ color 25.8667, 25.1775, 31.1002 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 25.8667, 25.1775, 31.1002 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 25.8667, 25.1775, 31.1002

Background



This preview shows how black text looks on a background with the XYZ color 25.8667, 25.1775, 31.1002.



This preview shows how white text looks on a background with the XYZ color 25.8667, 25.1775,

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

25.8667, 25.1775, 31.1002

Protanopia

24.6870, 25.3796, 32.0314

Deuteranopia

25.8242, 25.3598, 31.1376



Tritanopia

25.7719, 25.3597, 29.9221

Trichromacy



Original Color

25.8667, 25.1775, 31.1002

Protanomaly

25.1340, 25.4092, 31.5967

Deuteranomaly

25.8242, 25.3598, 31.1376

Tritanomaly

25.8487, 25.3904, 30.3265

Monochromacy



Original Color

25.8667, 25.1775, 31.1002

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.9835, 25.5951, 29.2148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8667, 25.1775, 31.1002 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, 133, 147) looks like.

```
.text, #text, p{  
    color:rgb(148, 133, 147)  
}
```

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, 133, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 133, 147) }
```

Border

The CSS property to change the border of an element to XYZ 25.8667, 25.1775, 31.1002 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, 133, 147) }
```


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

```
.border{ border-color:rgb(148, 133, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 133, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 133, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 133, 147);  
box-shadow:4px 4px 4px 4px rgb(148, 133,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8667, 25.1775, 31.1002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 133, 147) }
```

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

```
.background{ background-color: rgb(148,  
133, 147) }
```

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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