

Converting Colors

XYZ(25.3655, 27.0032, 31.8859)

Have a look what the booklet for
XYZ(25.3655, 27.0032, 31.8859)
contains.

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Color

**XYZ(25.3211, 27.0173,
31.8973)**

Conversions

Conversions Part 1

Format	Color
Hex	888F94
RGB	136, 143, 148
RGB Percent	53%, 56%, 58%
CMY	0.4667, 0.4392, 0.4196
CMYK	0.08, 0.03, 0.00, 0.42
HSL	205°, 5%, 56%
HSV	205°, 8%, 58%
XYZ	25.3211, 27.0173, 31.8973
YIQ	141.4770, -5.7770, 0.0710

Conversions

Conversions Part 2

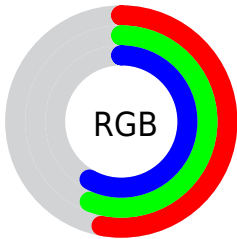
Format	Color
R_{YB}	136, 140, 148
Decimal	8949652
CIE _{Lab}	58.99, -1.51, -3.54
CIE _{LCh}	59, 3.844, 246.885
Yxy	27.0173, 0.3006, 0.3207
Android (android.graphics.Color)	4287139732 (0xFF888F94)
YUV	141.4770, 3.2158, -4.8033
Hunter-Lab	51.9782, -4.0057, 0.0004

Details

The XYZ color **25.3211, 27.0173, 31.8973** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.1816, 27.1230, 27.1483**, and the grayscale version is **25.4948, 26.8225, 29.2097**.

A 20% lighter version of the original color is **51.6132, 55.0156, 63.7759**, and **9.9098, 10.6702, 12.8465** is the 20% darker color. If you saturate the color by 10%, you get **22.1816, 24.0634, 31.4930**, and if you desaturate by 10%, it is **28.8449, 30.2463, 32.3353**.

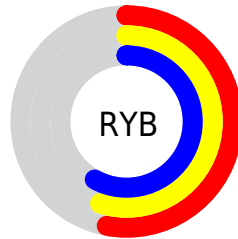
Distribution



Red (53%)

Green (56%)

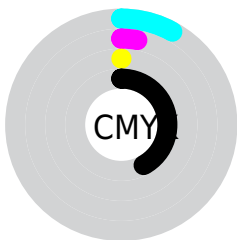
Blue (58%)



Red (53%)

Yellow (55%)

Blue (58%)

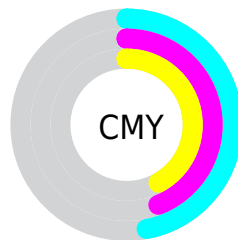


Cyan (8%)

Magenta (3%)

Yellow (0%)

Black (42%)



Cyan (47%)

Magenta (44%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3211, 27.0173, 31.8973 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 25.3211, 27.0173, 31.8973 by changing the saturation by 10% instead.

■ 25.3211, 27.0173,
31.8973

■ 25.3211, 27.0173,
31.8973

271.7515,
287.7409, 325.1295

■ 16.4465, 17.5862,
21.0189

■ 51.6168, 54.9116,
63.7461

■ 9.9335, 10.6533,
12.9464

■ 69.7686, 74.1437,
85.5536

■ 5.4168, 5.8342,
7.2614

■ 91.7435, 97.4115,
111.8411

■ 2.5311, 2.7445,
3.5452

117.9068,
125.0994, 143.0273

■ 0.9110, 0.9999,
1.3793

148.6239,
157.5920, 179.5307

■ 0.0000, 0.0000,
0.1255

184.2601,

■ 0.0000, 0.0000,

195.2735, 221.7699

0.0000

225.1809,
238.5283, 270.1633

■ 25.3211, 27.0173,
31.8973

■ 25.3211, 27.0173,
31.8973

■ 22.1816, 24.0634,
31.4930

■ 28.8449, 30.2463,
32.3353

■ 19.4098, 21.3726,
31.1197

■ 32.7643, 33.7552,
32.8060

■ 16.9912, 18.9369,
30.7771

■ 37.0929, 37.5528,
33.3108

■ 14.9094, 16.7467,
30.4640

■ 41.8429, 41.6465,
33.8506

■ 13.1466, 14.7914,
30.1795

■ 47.0260, 46.0436,
34.4262

■ 11.6831, 13.0596,
29.9224

■ 52.6534, 50.7509,
35.0382

■ 10.4970, 11.5386,
29.6913

■ 58.7361, 55.7749,
35.6873

■ 9.5629, 10.2138,
29.4849

■ 65.2844, 61.1222,
36.3743

■ 8.8316, 9.0586,
29.3004

■ 66.8889, 64.0051,
36.8462

Harmonies

Analogous

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



24.9532, 27.0173, 31.0205



25.3211, 27.0173, 31.8973



25.7891, 27.0173, 32.1001

Triad

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



25.3211, 27.0173, 31.8973



26.5996, 27.0173, 29.1038



25.1331, 27.0173, 27.3679

Complementary

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



25.3211, 27.0173, 31.8973



26.1816, 27.1230, 27.1483

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.



25.5695, 27.0173, 26.8882



25.3211, 27.0173, 31.8973



26.4190, 27.0173, 27.8702

Square

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



25.3211, 27.0173, 31.8973



26.5311, 27.0173, 30.4595



26.0405, 27.0173, 27.0692



24.8456, 27.0173, 28.3990

Rectangle

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



25.3211, 27.0173, 31.8973



26.0957, 27.0173, 31.8204



26.0405, 27.0173, 27.0692



25.2670, 27.0173, 27.1383

Sweetspot

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



25.3219, 27.0184, 31.8979



48.3684, 51.0696, 56.7427



25.5365, 28.3317, 29.2444



11.0597, 11.6748, 12.9554



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.



25.3219, 27.0184, 31.8979



43.4646, 46.5421, 56.1273



24.4732, 25.3210, 31.6150



5.7637, 6.1613, 7.3552



7.4602, 7.6153, 25.0077



0.1205, 0.1516, 0.3158

Inverse Universe

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



25.9754, 25.8879, 29.6158



44.9021, 44.0922, 51.0995



27.0598, 28.8792, 27.4410



5.9342, 5.8687, 6.7594



11.8927, 5.9621, 8.1818



0.1603, 0.0789, 0.1777

Previews

White Background



This preview shows how the XYZ color 25.3211, 27.0173, 31.8973 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 25.3211, 27.0173, 31.8973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

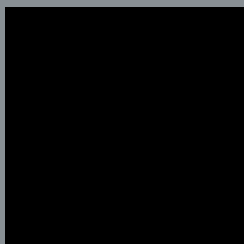
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

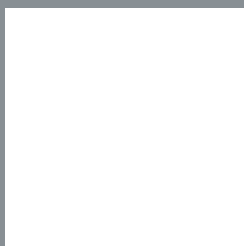
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3211, 27.0173, 31.8973

Background



This preview shows how black text looks on a background with the XYZ color 25.3211, 27.0173, 31.8973.



This preview shows how white text looks on a background with the XYZ color 25.3211, 27.0173,

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

25.3211, 27.0173, 31.8973

Protanopia

26.1190, 26.9960, 31.4379

Deuteranopia

27.4622, 27.0223, 32.2022



Tritanopia

25.7393, 26.9643, 33.9850

Trichromacy



Original Color

25.3211, 27.0173, 31.8973

Protanomaly

25.7547, 27.0280, 31.4633

Deuteranomaly

26.6570, 27.0371, 32.2475

Tritanomaly

25.5754, 26.8987, 33.1222

Monochromacy



Original Color

25.3211, 27.0173, 31.8973

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.3545, 26.8486, 30.2315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3211, 27.0173, 31.8973 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(136, 143, 148)` looks like.

```
.text, #text, p{  
    color:rgb(136, 143, 148)  
}
```

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(136, 143, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 143, 148) }
```

Border

The CSS property to change the border of an element to XYZ 25.3211, 27.0173, 31.8973 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(136, 143, 148) }
```


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

```
.border{ border-color:rgb(136, 143, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 143, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 143, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 143, 148);  
box-shadow:4px 4px 4px 4px rgb(136, 143,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3211, 27.0173, 31.8973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 143, 148) }
```

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

```
.background{ background-color: rgb(136,  
143, 148) }
```

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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