

Converting Colors

XYZ(25.3830, 27.3827, 31.7903)

Have a look what the booklet for
XYZ(25.3830, 27.3827, 31.7903)
contains.

XYZ(25.3102, 27.2355, 31.9400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.3102, 27.2355,
31.9400)**

Conversions

Conversions Part 1

Format	Color
Hex	879094
RGB	135, 144, 148
RGB Percent	53%, 56%, 58%
CMY	0.4706, 0.4353, 0.4196
CMYK	0.09, 0.03, 0.00, 0.42
HSL	198°, 6%, 55%
HSV	198°, 9%, 58%
XYZ	25.3102, 27.2355, 31.9400
YIQ	141.7650, -6.6480, -0.6640

Conversions

Conversions Part 2

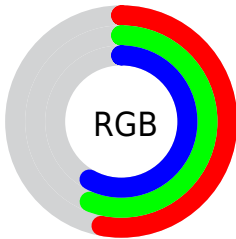
Format	Color
R_{YB}	135, 140, 148
Decimal	8884372
CIE _{Lab}	59.19, -2.42, -3.25
CIE _{LCh}	59, 4.052, 233.273
Yxy	27.2355, 0.2996, 0.3224
Android (android.graphics.Color)	4287074452 (0xFF879094)
YUV	141.7650, 3.0739, -5.9329
Hunter-Lab	52.1876, -4.7586, 0.2445

Details

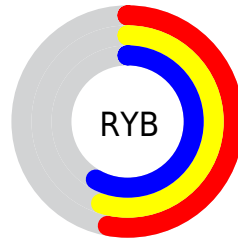
The XYZ color **25.3102, 27.2355, 31.9400** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.8187, 26.5102, 26.6783**, and the grayscale version is **25.6090, 26.9427, 29.3406**.

A 20% lighter version of the original color is **51.5938, 55.3438, 63.8403**, and **9.9067, 10.7998, 12.8717** is the 20% darker color. If you saturate the color by 10%, you get **22.4172, 24.7420, 31.6116**, and if you desaturate by 10%, it is **28.5636, 29.9576, 32.2944**.

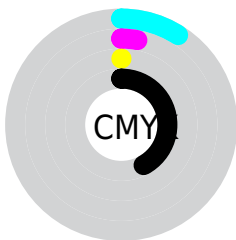
Distribution



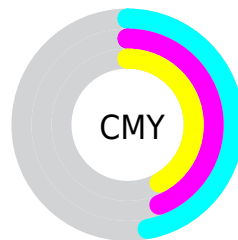
- Red (53%)
- Green (56%)
- Blue (58%)



- Red (53%)
- Yellow (55%)
- Blue (58%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (42%)



- Cyan (47%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3102, 27.2355, 31.9400 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 25.3102, 27.2355, 31.9400 by changing the saturation by 10% instead.

■ 25.3102, 27.2355,
31.9400

■ 25.3102, 27.2355,
31.9400

271.6985,
288.7956, 325.3301

■ 16.4383, 17.7502,
21.0512

■ 51.5993, 55.2615,
63.8138

■ 9.9276, 10.7708,
12.9698

■ 69.7472, 74.5710,
85.6360

■ 5.4129, 5.9129,
7.2773

■ 91.7177, 97.9240,
111.9397

■ 2.5287, 2.7922,
3.5551

117.8764,
125.7050, 143.1434

■ 0.9098, 1.0242,
1.3846

148.5884,
158.2982, 179.6658

■ 0.0000, 0.0000,
0.1296

184.2192,

■ 0.0000, 0.0000,

196.0881, 221.9254

0.0000

225.1341,
239.4591, 270.3406

■ 25.3102, 27.2355,
31.9400

■ 25.3102, 27.2355,
31.9400

■ 22.4172, 24.7420,
31.6116

■ 28.5636, 29.9576,
32.2944

■ 19.8684, 22.4659,
31.3066

■ 32.1882, 32.9120,
32.6736

■ 17.6496, 20.4003,
31.0249

■ 36.1972, 36.1068,
33.0789

■ 15.7451, 18.5365,
30.7655

■ 40.6025, 39.5485,
33.5111

■ 14.1372, 16.8649,
30.5276

■ 45.4152, 43.2434,
33.9706

■ 12.8069, 15.3752,
30.3102

■ 50.6463, 47.1976,
34.4581

■ 11.7326, 14.0557,
30.1121

■ 56.3062, 51.4167,
34.9742

■ 10.8891, 12.8929,
29.9321

■ 62.4050, 55.9065,
35.5194

■ 10.2222, 11.8583,
29.7676

■ 63.9273, 58.0819,
35.8590

Harmonies

Analogous

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



25.0047, 27.2355, 30.7672



25.3102, 27.2355, 31.9400



25.7730, 27.2355, 32.5032

Triad

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



25.3102, 27.2355, 31.9400



26.8629, 27.2355, 29.9818



25.5048, 27.2355, 27.1729

Complementary

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



25.3102, 27.2355, 31.9400



25.8187, 26.5102, 26.6783

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.



26.0004, 27.2355, 26.9779



25.3102, 27.2355, 31.9400



26.7888, 27.2355, 28.5696

Square

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



25.3102, 27.2355, 31.9400



26.6726, 27.2355, 31.3491



26.4715, 27.2355, 27.4813



25.1160, 27.2355, 28.0228

Rectangle

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



25.3102, 27.2355, 31.9400



26.1101, 27.2355, 32.4446



26.4715, 27.2355, 27.4813



25.6642, 27.2355, 27.0298

Sweetspot

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



25.3110, 27.2366, 31.9406



47.8652, 50.7552, 56.7086



25.2349, 28.1923, 28.4999



10.8259, 11.5022, 12.9344



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.



25.3110, 27.2366, 31.9406



43.3581, 46.9485, 56.2113



24.3686, 25.3518, 31.6265



5.8152, 6.2643, 7.3724



8.6899, 10.0746, 25.4176



0.1325, 0.1757, 0.3198

Inverse Universe

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



25.9114, 25.6380, 29.9698



44.6972, 43.4315, 51.8048



26.7730, 28.4189, 26.9964



5.9601, 5.8791, 6.8962



12.5133, 6.2104, 11.4501



0.1664, 0.0813, 0.2098

Previews

White Background



This preview shows how the XYZ color 25.3102, 27.2355, 31.9400 looks on a white background.

Color Contrast Check

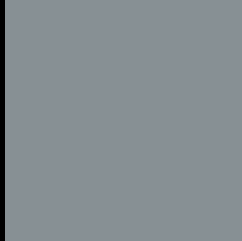
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3102, 27.2355, 31.9400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

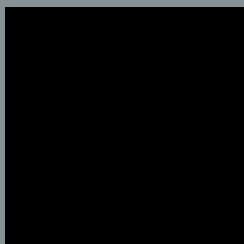
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

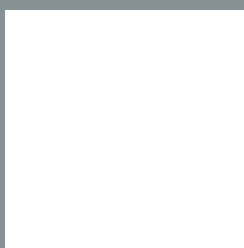
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3102, 27.2355, 31.9400

Background



This preview shows how black text looks on a background with the XYZ color 25.3102, 27.2355, 31.9400.



This preview shows how white text looks on a background with the XYZ color 25.3102, 27.2355,

31.9400.

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

25.3102, 27.2355, 31.9400

Protanopia

26.4411, 27.3819, 31.4954

Deuteranopia

27.6502, 27.1192, 32.2110



Tritanopia

25.8085, 27.2123, 34.4641

Trichromacy



Original Color

25.3102, 27.2355, 31.9400

Protanomaly

26.0734, 27.4142, 31.5210

Deuteranomaly

26.6570, 27.0371, 32.2475

Tritanomaly

25.6433, 27.1462, 33.5939

Monochromacy



Original Color

25.3102, 27.2355, 31.9400

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.5040, 27.1475, 30.2813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3102, 27.2355, 31.9400 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(135, 144, 148)` looks like.

```
.text, #text, p{  
    color:rgb(135, 144, 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(135, 144, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 144, 148) }
```

Border

The CSS property to change the border of an element to XYZ 25.3102, 27.2355, 31.9400 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(135, 144, 148) }
```


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

```
.border{ border-color:rgb(135, 144, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 144, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 144, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 144, 148);  
box-shadow:4px 4px 4px 4px rgb(135, 144,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3102, 27.2355, 31.9400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 144, 148) }
```

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

```
.background{ background-color: rgb(135,  
144, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor