

Converting Colors

XYZ(25.3711, 27.1730, 31.3332)

Have a look what the booklet for
XYZ(25.3711, 27.1730, 31.3332)
contains.

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Color

**XYZ(25.5562, 27.3715,
31.5400)**

Conversions

Conversions Part 1

Format	Color
Hex	899093
RGB	137, 144, 147
RGB Percent	54%, 56%, 58%
CMY	0.4627, 0.4353, 0.4235
CMYK	0.07, 0.02, 0.00, 0.42
HSL	198°, 4%, 56%
HSV	198°, 7%, 58%
XYZ	25.5562, 27.3715, 31.5400
YIQ	142.2490, -5.1350, -0.5510

Conversions

Conversions Part 2

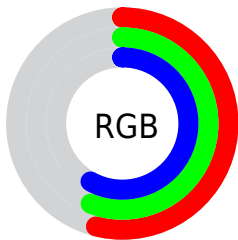
Format	Color
R _Y B	137, 141, 147
Decimal	9015443
CIE Lab	59.32, -1.92, -2.48
CIE LCh	59, 3.135, 232.158
Yxy	27.3715, 0.3026, 0.3240
Android (android.graphics.Color)	4287205523 (0xFF899093)
YUV	142.2490, 2.3422, -4.6034
Hunter-Lab	52.3178, -4.3624, 0.8792

Details

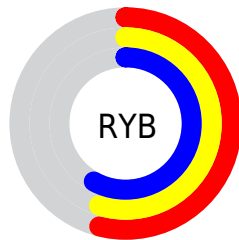
The XYZ color **25.5562, 27.3715, 31.5400** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.9260, 26.7649, 27.4669**, and the grayscale version is **25.8028, 27.1466, 29.5627**.

A 20% lighter version of the original color is **51.9719, 55.5524, 63.2418**, and **10.0909, 10.8947, 12.8803** is the 20% darker color. If you saturate the color by 10%, you get **22.6546, 24.9050, 31.2173**, and if you desaturate by 10%, it is **28.8138, 30.0617, 31.8880**.

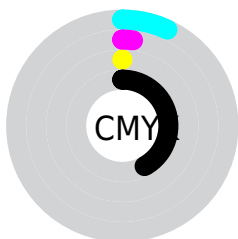
Distribution



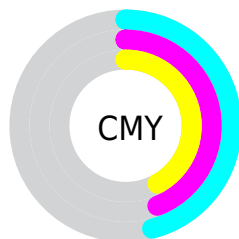
- Red (54%)
- Green (56%)
- Blue (58%)



- Red (54%)
- Yellow (55%)
- Blue (58%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (42%)



- Cyan (46%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5562, 27.3715, 31.5400 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 25.5562, 27.3715, 31.5400 by changing the saturation by 10% instead.

■ 25.5562, 27.3715,
31.5400

■ 25.5562, 27.3715,
31.5400

272.8935,
289.4514, 323.4463

■ 16.6229, 17.8524,
20.7485

■ 51.9945, 55.4794,
63.1788

■ 10.0596, 10.8441,
12.7508

■ 70.2302, 74.8371,
84.8631

■ 5.5011, 5.9621,
7.1285

■ 92.2975, 98.2430,
111.0154

■ 2.5819, 2.8220,
3.4629

118.5615,
126.0817, 142.0543

■ 0.9367, 1.0395,
1.3356

149.3878,
158.7375, 178.3983

■ 0.0000, 0.0000,
0.0907

185.1417,

■ 0.0000, 0.0000,

196.5948, 220.4660

0.0000

226.1884,
240.0379, 268.6758

■ 25.5562, 27.3715,
31.5400

■ 25.5562, 27.3715,
31.5400

■ 22.6546, 24.9050,
31.2173

■ 28.8138, 30.0617,
31.8880

■ 20.0931, 22.6513,
30.9173

■ 32.4377, 32.9791,
32.2601

■ 17.8582, 20.6037,
30.6398

■ 36.4408, 36.1316,
32.6576

■ 15.9344, 18.7538,
30.3842

■ 40.8346, 39.5253,
33.0811

■ 14.3049, 17.0926,
30.1494

■ 45.6301, 43.1665,
33.5312

■ 12.9512, 15.6099,
29.9346

■ 50.8379, 47.0610,
34.0084

■ 11.8527, 14.2948,
29.7386

■ 56.4681, 51.2144,
34.5133

■ 10.9856, 13.1344,
29.5603

■ 62.5306, 55.6321,
35.0465

■ 10.3110, 12.1082,
29.3978

■ 63.5759, 57.5054,
35.3530

Harmonies

Analogous

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



25.3241, 27.3715, 30.6244



25.5562, 27.3715, 31.5400



25.9131, 27.3715, 31.9925

Triad

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



25.5562, 27.3715, 31.5400



26.7695, 27.3715, 30.0984



25.7326, 27.3715, 27.8484

Complementary

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



25.5562, 27.3715, 31.5400



25.9260, 26.7649, 27.4669

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.



26.1187, 27.3715, 27.7156



25.5562, 27.3715, 31.5400



26.7200, 27.3715, 28.9963

Square

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



25.5562, 27.3715, 31.5400



26.6155, 27.3715, 31.1467



26.4809, 27.3715, 28.1308



25.4252, 27.3715, 28.4984

Rectangle

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



25.5562, 27.3715, 31.5400



26.1748, 27.3715, 31.9629



26.4809, 27.3715, 28.1308



25.8574, 27.3715, 27.7425

Sweetspot

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



25.5570, 27.3727, 31.5406



48.4651, 51.2629, 56.7749



25.4719, 28.0747, 28.8233



11.0804, 11.7162, 12.9623



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.



25.5570, 27.3727, 31.5406



45.0239, 48.3952, 56.4028



24.8401, 25.9388, 31.3016



5.8189, 6.2717, 7.3736



8.7878, 10.2704, 25.4503



0.1334, 0.1774, 0.3201

Inverse Universe

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



26.0129, 26.1084, 30.0554



45.9980, 45.7134, 53.2247



26.6483, 28.2095, 27.7076



5.9620, 5.8799, 6.9061



12.5628, 6.2302, 11.7104



0.1668, 0.0815, 0.2120

Previews

White Background



This preview shows how the XYZ color 25.5562, 27.3715, 31.5400 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 25.5562, 27.3715, 31.5400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

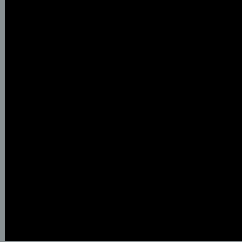
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

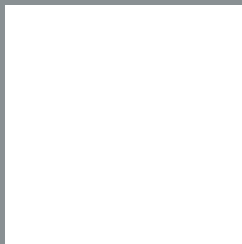
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.5562, 27.3715, 31.5400

Background



This preview shows how black text looks on a background with the XYZ color 25.5562, 27.3715, 31.5400.

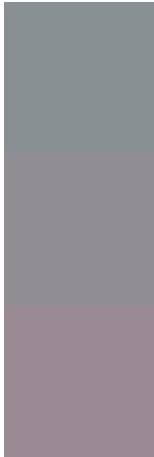


This preview shows how white text looks on a background with the XYZ color 25.5562, 27.3715,

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

25.5562, 27.3715, 31.5400

Protanopia

26.3629, 27.3506, 31.0839

Deuteranopia

27.7602, 27.1851, 31.8011



Tritanopia

26.1364, 27.3813, 34.4794

Trichromacy



Original Color

25.5562, 27.3715, 31.5400

Protanomaly

25.9953, 27.3830, 31.1095

Deuteranomaly

26.9361, 27.1902, 31.8455

Tritanomaly

25.8896, 27.2826, 33.1797

Monochromacy



Original Color

25.5562, 27.3715, 31.5400

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.6717, 27.2340, 30.2892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5562, 27.3715, 31.5400 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(137, 144, 147)` looks like.

```
.text, #text, p{  
    color:rgb(137, 144, 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(137, 144, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 144, 147) }
```

Border

The CSS property to change the border of an element to XYZ 25.5562, 27.3715, 31.5400 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(137, 144, 147) }
```


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

```
.border{ border-color:rgb(137, 144, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 144, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 144, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 144, 147);  
box-shadow:4px 4px 4px 4px rgb(137, 144,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5562, 27.3715, 31.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 144, 147) }
```

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

```
.background{ background-color: rgb(137,  
144, 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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