

Converting Colors

XYZ(25.3428, 27.6597, 31.2115)

Have a look what the booklet for
XYZ(25.3428, 27.6597, 31.2115)
contains.

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Color

**XYZ(25.4589, 27.7840,
31.2151)**

Conversions

Conversions Part 1

Format	Color
Hex	879292
RGB	135, 146, 146
RGB Percent	53%, 57%, 57%
CMY	0.4706, 0.4274, 0.4274
CMYK	0.08, 0.00, 0.00, 0.43
HSL	180°, 5%, 55%
HSV	180°, 8%, 57%
XYZ	25.4589, 27.7840, 31.2151
YIQ	142.7110, -6.5560, -2.3320

Conversions

Conversions Part 2

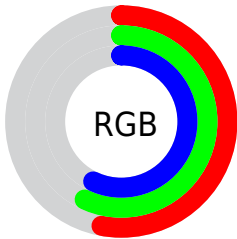
Format	Color
R_{YB}	135, 141, 146
Decimal	8884882
CIE _{Lab}	59.69, -3.96, -1.37
CIE _{LCh}	60, 4.186, 199.107
Yxy	27.7840, 0.3014, 0.3290
Android (android.graphics.Color)	4287074962 (0xFF879292)
YUV	142.7110, 1.6215, -6.7625
Hunter-Lab	52.7105, -6.0289, 1.7859

Details

The XYZ color **25.4589, 27.7840, 31.2151** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.8923, 25.1890, 26.4731**, and the grayscale version is **25.9895, 27.3430, 29.7765**.

A 20% lighter version of the original color is **51.8186, 56.1700, 62.7544**, and **10.0405, 11.1416, 12.6877** is the 20% darker color. If you saturate the color by 10%, you get **23.2690, 26.6559, 31.1119**, and if you desaturate by 10%, it is **27.9726, 29.0806, 31.3346**.

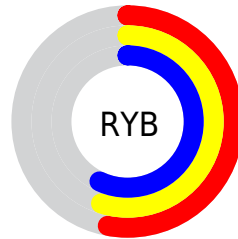
Distribution



Red (53%)

Green (57%)

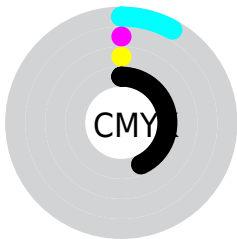
Blue (57%)



Red (53%)

Yellow (55%)

Blue (57%)

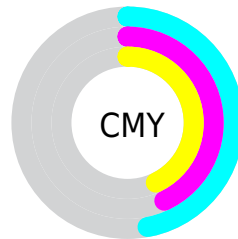


Cyan (8%)

Magenta (0%)

Yellow (0%)

Black (43%)



Cyan (47%)

Magenta (43%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4589, 27.7840, 31.2151 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 25.4589, 27.7840, 31.2151 by changing the saturation by 10% instead.

■ 25.4589, 27.7840,
31.2151

■ 25.4589, 27.7840,
31.2151

272.4213,
291.4333, 321.9099

■ 16.5498, 18.1629,
20.5029

■ 51.8383, 56.1394,
62.6621

■ 10.0074, 11.0670,
12.5734

■ 70.0393, 75.6425,
84.2340

■ 5.4661, 6.1119,
7.0082

■ 92.0683, 99.2084,
110.2628

■ 2.5608, 2.9133,
3.3887

118.2907,
127.2214, 141.1670

■ 0.9260, 1.0866,
1.2964

149.0719,
160.0661, 177.3654

■ 0.0000, 0.0000,
0.0588

184.7771,

■ 0.0000, 0.0000,

198.1267, 219.2762

0.0000

225.7718,
241.7876, 267.3182

■ 25.4589, 27.7840,
31.2151

■ 25.4589, 27.7840,
31.2151

■ 23.2690, 26.6559,
31.1119

■ 27.9726, 29.0806,
31.3346

■ 21.3875, 25.6859,
31.0225

■ 30.8199, 30.5484,
31.4692

■ 19.8012, 24.8682,
30.9470

■ 34.0133, 32.1946,
31.6199

■ 18.4952, 24.1950,
30.8846

■ 37.5639, 34.0250,
31.7874

■ 17.4531, 23.6578,
30.8345

■ 41.4823, 36.0450,
31.9721

■ 16.6571, 23.2474,
30.7960

■ 45.7787, 38.2598,
32.1744

■ 16.0868, 22.9535,
30.7680

■ 50.4627, 40.6745,
32.3949

■ 15.7190, 22.7639,
30.7495

■ 55.5438, 43.2939,
32.6340

■ 15.5106, 22.6565,
30.7384

■ 56.7100, 43.8950,
32.6899

Harmonies

Analogous

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



25.4221, 27.7840, 29.7052



25.4589, 27.7840, 31.2151



25.7479, 27.7840, 32.5067

Triad

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



25.4589, 27.7840, 31.2151



27.1838, 27.7840, 32.1983



26.6004, 27.7840, 27.4823

Complementary

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



25.4589, 27.7840, 31.2151



24.8923, 25.1890, 26.4731

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.



27.0790, 27.7840, 28.1042



25.4589, 27.7840, 31.2151



27.4187, 27.7840, 30.8056

Square

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



25.4589, 27.7840, 31.2151



26.7420, 27.7840, 33.0872



27.3801, 27.7840, 29.3090



26.0765, 27.7840, 27.5836

Rectangle

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



25.4589, 27.7840, 31.2151



26.0470, 27.7840, 33.0543



27.3801, 27.7840, 29.3090



26.7720, 27.7840, 27.6128

Sweetspot

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



25.4597, 27.7852, 31.2157



47.2755, 50.2324, 55.1772



24.6741, 27.4744, 26.9248



10.5300, 11.1815, 12.2754



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.4597, 27.7852, 31.2157



44.2367, 48.6659, 55.0334



24.6591, 26.1837, 30.9498



5.9641, 6.5622, 7.4217



13.6091, 19.9164, 27.0466



0.1666, 0.2438, 0.3311

Inverse Universe

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



24.8923, 25.1890, 26.4731



43.0302, 43.1458, 44.9493



25.6527, 26.7102, 26.7258



5.8009, 5.8154, 6.0575



10.4318, 5.3778, 0.4891



0.1277, 0.0658, 0.0060

Previews

White Background



This preview shows how the XYZ color 25.4589, 27.7840, 31.2151 looks on a white background.

Color Contrast Check

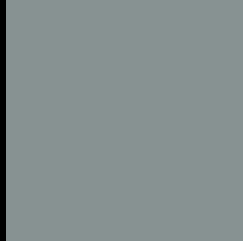
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4589, 27.7840, 31.2151 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

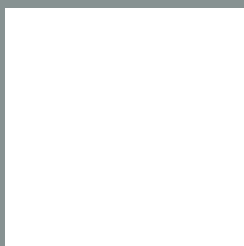
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.4589, 27.7840, 31.2151

Background



This preview shows how black text looks on a background with the XYZ color 25.4589, 27.7840, 31.2151.



This preview shows how white text looks on a background with the XYZ color 25.4589, 27.7840,

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

25.4589, 27.7840, 31.2151

Protanopia

26.7106, 27.7695, 30.3378

Deuteranopia

28.2094, 27.6397, 31.4520



Tritanopia

26.2905, 27.6652, 35.4067

Trichromacy



Original Color

25.4589, 27.7840, 31.2151

Protanomaly

26.2394, 27.7416, 30.7598

Deuteranomaly

27.1522, 27.7485, 31.5287

Tritanomaly

25.9462, 27.7520, 33.6949

Monochromacy



Original Color

25.4589, 27.7840, 31.2151

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.8225, 27.5356, 30.3395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4589, 27.7840, 31.2151 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, 146, 146)` looks like.

```
.text, #text, p{  
    color:rgb(135, 146, 146)  
}
```

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, 146, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 146, 146) }
```

Border

The CSS property to change the border of an element to XYZ 25.4589, 27.7840, 31.2151 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, 146, 146) }
```


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

```
.border{ border-color:rgb(135, 146, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 146, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 146, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 146, 146);  
box-shadow:4px 4px 4px 4px rgb(135, 146,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4589, 27.7840, 31.2151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 146, 146) }
```

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

```
.background{ background-color: rgb(135,  
146, 146) }
```

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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