

Converting Colors

XYZ(25.8062, 27.5915, 31.3936)

Have a look what the booklet for
XYZ(25.8062, 27.5915, 31.3936)
contains.

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Color

**XYZ(25.7210, 27.4564,
31.5477)**

Conversions

Conversions Part 1

Format	Color
Hex	8A9093
RGB	138, 144, 147
RGB Percent	54%, 56%, 58%
CMY	0.4588, 0.4353, 0.4235
CMYK	0.06, 0.02, 0.00, 0.42
HSL	200°, 4%, 56%
HSV	200°, 6%, 58%
XYZ	25.7210, 27.4564, 31.5477
YIQ	142.5480, -4.5390, -0.3390

Conversions

Conversions Part 2

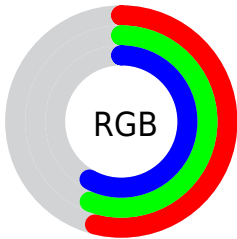
Format	Color
R_{YB}	138, 142, 147
Decimal	9080979
CIE _{Lab}	59.39, -1.57, -2.35
CIE _{LCh}	59, 2.826, 236.342
Yxy	27.4564, 0.3036, 0.3241
Android (android.graphics.Color)	4287271059 (0xFF8A9093)
YUV	142.5480, 2.1948, -3.9886
Hunter-Lab	52.3989, -4.0778, 0.9826

Details

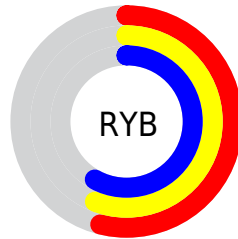
The XYZ color **25.7210, 27.4564, 31.5477** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.1451, 27.0876, 27.8958**, and the grayscale version is **25.9219, 27.2719, 29.6991**.

A 20% lighter version of the original color is **52.2226, 55.6816, 63.2535**, and **10.1849, 10.9432, 12.8847** is the 20% darker color. If you saturate the color by 10%, you get **22.7262, 24.8361, 31.2002**, and if you desaturate by 10%, it is **29.0787, 30.3131, 31.9225**.

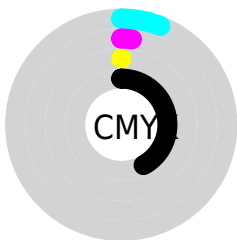
Distribution



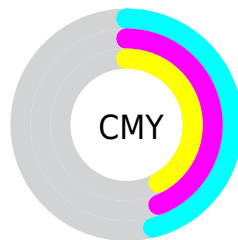
- Red (54%)
- Green (56%)
- Blue (58%)



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



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (42%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7210, 27.4564, 31.5477 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 25.7210, 27.4564, 31.5477 by changing the saturation by 10% instead.

■ 25.7210, 27.4564,
31.5477

■ 25.7210, 27.4564,
31.5477

273.6917,
289.8602, 323.4827

■ 16.7466, 17.9163,
20.7543

■ 52.2590, 55.6154,
63.1910

■ 10.1482, 10.8899,
12.7550

■ 70.5534, 75.0030,
84.8780

■ 5.5603, 5.9928,
7.1313

■ 92.6851, 98.4420,
111.0332

■ 2.6177, 2.8407,
3.4647

119.0195,
126.3167, 142.0753

■ 0.9550, 1.0492,
1.3365

149.9221,
159.0114, 178.4228

■ 0.0000, 0.0000,
0.0914

185.7580,

■ 0.0000, 0.0000,

196.9107, 220.4941

0.0000

226.8928,
240.3988, 268.7079

■ 25.7210, 27.4564,
31.5477

■ 25.7210, 27.4564,
31.5477

■ 22.7262, 24.8361,
31.2002

■ 29.0787, 30.3131,
31.9225

■ 20.0785, 22.4411,
30.8775

■ 32.8098, 33.4098,
32.3236

■ 17.7642, 20.2646,
30.5793

■ 36.9273, 36.7547,
32.7522

■ 15.7679, 18.2979,
30.3049

■ 41.4426, 40.3541,
33.2090

■ 14.0727, 16.5317,
30.0534

■ 46.3669, 44.2144,
33.6946

■ 12.6602, 14.9559,
29.8237

■ 51.7108, 48.3416,
34.2096

■ 11.5099, 13.5592,
29.6147

■ 57.4845, 52.7415,
34.7545

■ 10.5978, 12.3287,
29.4253

■ 63.4759, 57.3054,
35.3196

■ 9.8890, 11.2456,
29.2536

■ 64.5048, 59.3631,
35.6626

Harmonies

Analogous

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



25.4912, 27.4564, 30.7688



25.7210, 27.4564, 31.5477



26.0531, 27.4564, 31.8835

Triad

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



25.7210, 27.4564, 31.5477



26.7818, 27.4564, 30.0199



25.7956, 27.4564, 28.1820

Complementary

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



25.7210, 27.4564, 31.5477



26.1451, 27.0876, 27.8958

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.



26.1399, 27.4564, 27.9916



25.7210, 27.4564, 31.5477



26.7113, 27.4564, 29.0386

Square

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



25.7210, 27.4564, 31.5477



26.6672, 27.4564, 30.9890



26.4756, 27.4564, 28.3017



25.5339, 27.4564, 28.8278

Rectangle

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



25.7210, 27.4564, 31.5477



26.2885, 27.4564, 31.8055



26.4756, 27.4564, 28.3017



25.9054, 27.4564, 28.0632

Sweetspot

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



25.7218, 27.4576, 31.5483



48.4374, 51.2076, 56.7657



25.7120, 28.1898, 29.2273



11.0745, 11.7043, 12.9603



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.



25.7218, 27.4576, 31.5483



45.4861, 48.6733, 56.4321



25.0752, 26.1645, 31.3328



5.9367, 6.3560, 7.3837



8.3786, 9.4520, 25.3139



0.1297, 0.1700, 0.3189

Inverse Universe

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



26.1558, 26.3942, 30.1030



46.3891, 46.4738, 53.4218



26.7995, 28.3964, 28.1139



6.0584, 6.0598, 6.9777



12.3562, 6.1475, 10.6228



0.1649, 0.0807, 0.2022

Previews

White Background



This preview shows how the XYZ color 25.7210, 27.4564, 31.5477 looks on a white background.

Color Contrast Check

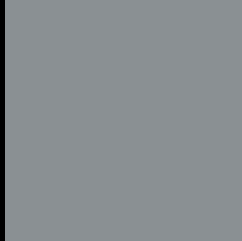
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7210, 27.4564, 31.5477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

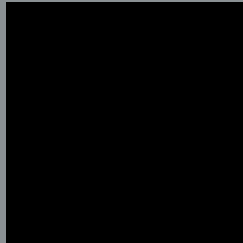
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

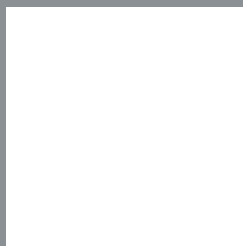
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7210, 27.4564, 31.5477

Background



This preview shows how black text looks on a background with the XYZ color 25.7210, 27.4564, 31.5477.



This preview shows how white text looks on a background with the XYZ color 25.7210, 27.4564,

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

25.7210, 27.4564, 31.5477

Protanopia

26.3629, 27.3506, 31.0839

Deuteranopia

27.9043, 27.4734, 31.8491



Tritanopia

26.3027, 27.4670, 34.4872

Trichromacy



Original Color

25.7210, 27.4564, 31.5477

Protanomaly

26.1661, 27.4710, 31.1175

Deuteranomaly

27.0829, 27.4838, 31.8944

Tritanomaly

26.0558, 27.3683, 33.1875

Monochromacy



Original Color

25.7210, 27.4564, 31.5477

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.8410, 27.3213, 30.2971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7210, 27.4564, 31.5477 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(138, 144, 147) looks like.

```
.text, #text, p{  
    color:rgb(138, 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(138, 144, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 144, 147) }
```

Border

The CSS property to change the border of an element to XYZ 25.7210, 27.4564, 31.5477 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(138, 144, 147) }
```


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

```
.border{ border-color:rgb(138, 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(138, 144, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 144, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 144, 147);  
box-shadow:4px 4px 4px 4px rgb(138, 144,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7210, 27.4564, 31.5477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 144, 147) }
```

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

```
.background{ background-color: rgb(138,  
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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