

Converting Colors

XYZ(25.3882, 26.9939, 31.0513)

Have a look what the booklet for
XYZ(25.3882, 26.9939, 31.0513)
contains.

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Color

**XYZ(25.4920, 27.1235,
31.0859)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8F92
RGB	138, 143, 146
RGB Percent	54%, 56%, 57%
CMY	0.4588, 0.4392, 0.4274
CMYK	0.05, 0.02, 0.00, 0.43
HSL	202°, 4%, 56%
HSV	202°, 5%, 57%
XYZ	25.4920, 27.1235, 31.0859
YIQ	141.8470, -3.9430, -0.1270

Conversions

Conversions Part 2

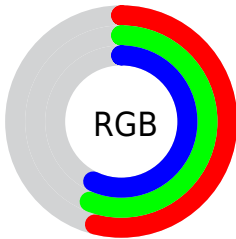
Format	Color
RYB	138, 141, 146
Decimal	9080722
CIELab	59.09, -1.21, -2.23
CIElCh	59, 2.538, 241.522
Yxy	27.1235, 0.3046, 0.3241
Android (android.graphics.Color)	4287270802 (0xFF8A8F92)
YUV	141.8470, 2.0474, -3.3738
Hunter-Lab	52.0802, -3.7690, 1.0669

Details

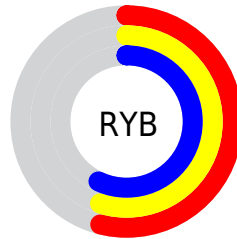
The XYZ color **25.4920, 27.1235, 31.0859** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.9665, 26.9955, 27.8873**, and the grayscale version is **25.6446, 26.9801, 29.3813**.

A 20% lighter version of the original color is **51.8774, 55.1790, 62.5600**, and **10.0502, 10.7479, 12.6112** is the 20% darker color. If you saturate the color by 10%, you get **22.4358, 24.3590, 30.7138**, and if you desaturate by 10%, it is **28.9146, 30.1378, 31.4877**.

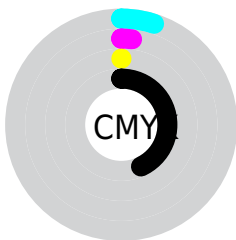
Distribution



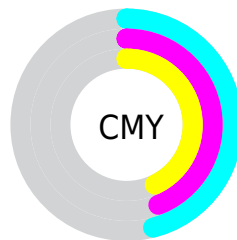
- Red (54%)
- Green (56%)
- Blue (57%)



- Red (54%)
- Yellow (55%)
- Blue (57%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (43%)



- Cyan (46%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4920, 27.1235, 31.0859 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 25.4920, 27.1235, 31.0859 by changing the saturation by 10% instead.

■ 25.4920, 27.1235,
31.0859

■ 25.4920, 27.1235,
31.0859

272.5820,
288.2546, 321.2973

■ 16.5747, 17.6660,
20.4053

■ 51.8914, 55.0820,
62.4564

■ 10.0251, 10.7105,
12.5030

■ 70.1043, 74.3517,
83.9834

■ 5.4780, 5.8725,
6.9605

■ 92.1463, 97.6611,
109.9629

■ 2.5680, 2.7677,
3.3593

118.3829,
125.3943, 140.8135

■ 0.9297, 1.0117,
1.2809

149.1794,
157.9359, 176.9537

■ 0.0000, 0.0000,
0.0461

184.9012,

■ 0.0000, 0.0000,

195.6702, 218.8020

0.0000

225.9136,
238.9816, 266.7771

■ 25.4920, 27.1235,
31.0859

■ 25.4920, 27.1235,
31.0859

■ 22.4358, 24.3590,
30.7138

■ 28.9146, 30.1378,
31.4877

■ 19.7302, 21.8332,
30.3689

■ 32.7139, 33.4059,
31.9183

■ 17.3617, 19.5389,
30.0508

■ 36.9028, 36.9359,
32.3789

■ 15.3150, 17.4673,
29.7589

■ 41.4927, 40.7346,
32.8702

■ 13.5734, 15.6091,
29.4920

■ 46.4948, 44.8083,
33.3929

■ 12.1187, 13.9540,
29.2492

■ 51.9195, 49.1634,
33.9476

■ 10.9308, 12.4904,
29.0293

■ 57.7771, 53.8058,
34.5349

■ 9.9861, 11.2054,
28.8311

■ 64.0773, 58.7413,
35.1555

■ 9.2528, 10.0816,
28.6528

■ 65.3311, 61.1408,
35.5526

Harmonies

Analogous

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



25.2666, 27.1235, 30.4502



25.4920, 27.1235, 31.0859



25.7962, 27.1235, 31.3032

Triad

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



25.4920, 27.1235, 31.0859



26.3910, 27.1235, 29.4868



25.4643, 27.1235, 28.0770

Complementary

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



25.4920, 27.1235, 31.0859



25.9665, 26.9955, 27.8873

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.



25.7640, 27.1235, 27.8306



25.4920, 27.1235, 31.0859



26.3005, 27.1235, 28.6342

Square

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



25.4920, 27.1235, 31.0859



26.3168, 27.1235, 30.3688



26.0703, 27.1235, 28.0325



25.2507, 27.1235, 28.7125

Rectangle

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



25.4920, 27.1235, 31.0859



26.0032, 27.1235, 31.1781



26.0703, 27.1235, 28.0325



25.5582, 27.1235, 27.9465

Sweetspot

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



25.4928, 27.1247, 31.0865



46.9735, 49.6282, 55.0770



25.5633, 27.8826, 29.2083



10.4672, 11.0557, 12.2545



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.



25.4928, 27.1247, 31.0865



44.0311, 47.0093, 54.7266



24.9123, 25.9636, 30.8930



5.9208, 6.3242, 7.3784



7.9016, 8.4981, 25.1549



0.1251, 0.1608, 0.3173

Inverse Universe

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



25.9011, 26.2717, 29.6937



44.9632, 45.0821, 51.5422



26.5571, 28.1768, 28.0842



6.0504, 6.0566, 6.9355



12.1155, 6.0512, 9.3550



0.1626, 0.0798, 0.1900

Previews

White Background



This preview shows how the XYZ color 25.4920, 27.1235, 31.0859 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 25.4920, 27.1235, 31.0859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

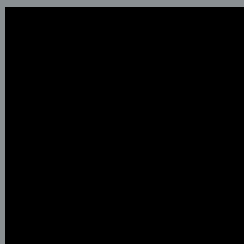
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

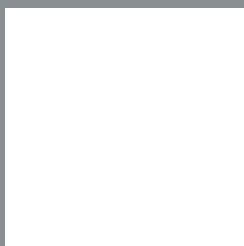
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.4920, 27.1235, 31.0859

Background



This preview shows how black text looks on a background with the XYZ color 25.4920, 27.1235, 31.0859.



This preview shows how white text looks on a background with the XYZ color 25.4920, 27.1235,

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

25.4920, 27.1235, 31.0859

Protanopia

26.1373, 27.0234, 30.6265

Deuteranopia

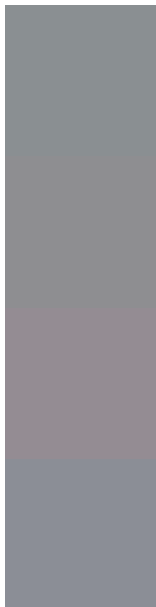
27.6814, 27.1536, 31.3860



Tritanopia

26.0702, 27.1349, 34.0005

Trichromacy



Original Color

25.4920, 27.1235, 31.0859

Protanomaly

25.9392, 27.1411, 30.6597

Deuteranomaly

26.8573, 27.1587, 31.4304

Tritanomaly

25.8255, 27.0370, 32.7117

Monochromacy



Original Color

25.4920, 27.1235, 31.0859

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.6154, 26.9919, 29.8465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4920, 27.1235, 31.0859 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, 143, 146)` looks like.

```
.text, #text, p{  
    color:rgb(138, 143, 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(138, 143, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 143, 146) }
```

Border

The CSS property to change the border of an element to XYZ 25.4920, 27.1235, 31.0859 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, 143, 146) }
```


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

```
.border{ border-color:rgb(138, 143, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 143, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 143, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 143, 146);  
box-shadow:4px 4px 4px 4px rgb(138, 143,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4920, 27.1235, 31.0859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 143, 146) }
```

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

```
.background{ background-color: rgb(138,  
143, 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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