

Converting Colors

XYZ(25.3913, 27.7879, 15.0078)

Have a look what the booklet for
XYZ(25.3913, 27.7879, 15.0078)
contains.

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Color

**XYZ(25.5631, 27.9654,
15.1169)**

Conversions

Conversions Part 1

Format	Color
Hex	9A9160
RGB	154, 145, 96
RGB Percent	60%, 57%, 38%
CMY	0.3961, 0.4314, 0.6235
CMYK	0.00, 0.06, 0.38, 0.40
HSL	51°, 23%, 49%
HSV	51°, 38%, 60%
XYZ	25.5631, 27.9654, 15.1169
YIQ	142.1050, 21.0930, -13.3310

Conversions

Conversions Part 2

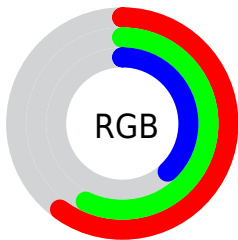
Format	Color
RYB	107, 154, 96
Decimal	10129760
CIELab	59.86, -4.23, 27.23
CIElCh	60, 27.553, 98.821
Yxy	27.9654, 0.3724, 0.4074
Android (android.graphics.Color)	4288319840 (0xFF9A9160)
YUV	142.1050, -22.7298, 10.4319
Hunter-Lab	52.8823, -6.2579, 20.0690

Details

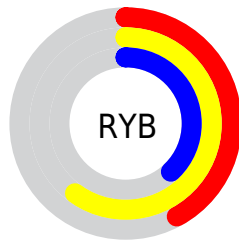
The XYZ color **25.5631, 27.9654, 15.1169** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.7080, 14.9224, 32.6240**, and the grayscale version is **25.8346, 27.1800, 29.5991**.

A 20% lighter version of the original color is **51.9844, 56.5087, 35.7712**, and **10.1261, 11.2309, 4.5398** is the 20% darker color. If you saturate the color by 10%, you get **24.5615, 26.9879, 11.6212**, and if you desaturate by 10%, it is **26.7127, 29.0164, 19.3479**.

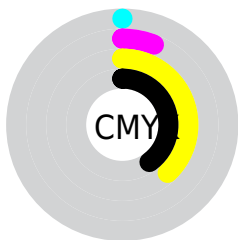
Distribution



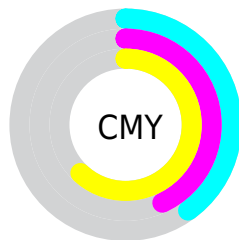
- Red (60%)
- Green (57%)
- Blue (38%)



- Red (42%)
- Yellow (60%)
- Blue (38%)



- Cyan (0%)
- Magenta (6%)
- Yellow (38%)
- Black (40%)



- Cyan (40%)
- Magenta (43%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5631, 27.9654, 15.1169 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 25.5631, 27.9654, 15.1169 by changing the saturation by 10% instead.

■ 25.5631, 27.9654,
15.1169

■ 25.5631, 27.9654,
15.1169

272.9269,
292.3015, 235.7378

■ 16.6280, 18.2996,
8.7539

■ 52.0056, 56.4292,
35.8033

■ 10.0633, 11.1653,
4.4864

■ 70.2438, 75.9960,
50.9639

■ 5.5035, 6.1781,
1.8958

■ 92.3137, 99.6318,
69.8940

■ 2.5834, 2.9537,
0.4901

■ 118.5807,
127.7212, 93.0123

■ 0.9375, 1.1076,
0.0000

149.4102,
160.6485, 120.7373

■ 0.0000, 0.0000,
0.0000

185.1675,

198.7980, 153.4875

226.2179,
242.5542, 191.6815

■ 25.5631, 27.9654,
15.1169

■ 25.5631, 27.9654,
15.1169

■ 24.5615, 26.9879,
11.6212

■ 26.7127, 29.0164,
19.3479

■ 23.6977, 26.0767,
8.8160

■ 28.0156, 30.1401,
24.3520

■ 22.9632, 25.2294,
6.6547

■ 29.4798, 31.3406,
30.1662

■ 22.3479, 24.4418,
5.0838

■ 31.1116, 32.6208,
36.8249

■ 21.8399, 23.7091,
4.0414

■ 32.9172, 33.9830,
44.3603

■ 21.4186, 23.0230,
3.4184

■ 34.9026, 35.4298,
52.8032

■ 21.3243, 22.8659,
3.2897

■ 37.0732, 36.9634,
62.1825

■ 39.4345, 38.5860,
72.5262

■ 41.9915, 40.2998,
83.8609

Harmonies

Analogous

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



29.0826, 27.9654, 15.7992



25.5631, 27.9654, 15.1169



22.5864, 27.9654, 17.7824

Triad

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



25.5631, 27.9654, 15.1169



21.6812, 27.9654, 44.1771



33.3512, 27.9654, 37.9449

Complementary

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



25.5631, 27.9654, 15.1169



15.7080, 14.9224, 32.6240

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.



31.0192, 27.9654, 48.0387



25.5631, 27.9654, 15.1169



24.2257, 27.9654, 52.1501

Square

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



25.5631, 27.9654, 15.1169



20.4777, 27.9654, 33.4970



27.6241, 27.9654, 53.7000



33.7887, 27.9654, 27.5928

Rectangle

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



25.5631, 27.9654, 15.1169



21.2358, 27.9654, 21.5336



27.6241, 27.9654, 53.7000



32.7537, 27.9654, 41.5389

Sweetspot

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



25.5638, 27.9667, 15.1175



52.5718, 56.1406, 50.8674



20.0936, 16.2697, 15.6266



11.8235, 12.6452, 11.2117



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.5638, 27.9667, 15.1175



44.9199, 49.3297, 22.1346



23.6051, 29.0789, 15.4354



6.6273, 7.0597, 6.6192



17.3947, 18.6717, 2.6872



0.2794, 0.3178, 0.0466

Inverse Universe

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



15.7080, 14.9224, 32.6240



24.4413, 22.2357, 58.5400



17.1300, 14.3667, 32.4418



5.9580, 6.1734, 7.8065



5.0343, 2.4652, 25.1182



0.0925, 0.0713, 0.3813

Previews

White Background



This preview shows how the XYZ color 25.5631, 27.9654, 15.1169 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 25.5631, 27.9654, 15.1169 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

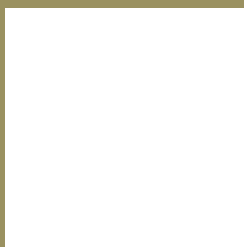
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.5631, 27.9654, 15.1169

Background



This preview shows how black text looks on a background with the XYZ color 25.5631, 27.9654, 15.1169.



This preview shows how white text looks on a background with the XYZ color 25.5631, 27.9654,

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

25.5631, 27.9654, 15.1169

Protanopia

25.7949, 27.8590, 15.0841

Deuteranopia

28.5267, 27.9430, 15.4453



Tritanopia

29.0105, 27.8205, 32.2746

Trichromacy



Original Color

25.5631, 27.9654, 15.1169

Protanomaly

25.6021, 27.7596, 15.0751

Deuteranomaly

27.4084, 28.0198, 15.2730

Tritanomaly

27.6547, 27.9306, 25.0527

Monochromacy



Original Color

25.5631, 27.9654, 15.1169

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.3782, 27.2366, 23.3216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5631, 27.9654, 15.1169 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(154, 145, 96)` looks like.

```
.text, #text, p{  
    color:rgb(154, 145, 96)  
}
```

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(154, 145, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 145, 96) }
```

Border

The CSS property to change the border of an element to XYZ 25.5631, 27.9654, 15.1169 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(154, 145, 96) }
```


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

```
.border{ border-color:rgb(154, 145, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 145, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 145, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 145, 96);  
box-shadow:4px 4px 4px 4px rgb(154, 145,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5631, 27.9654, 15.1169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 145, 96) }
```

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

```
.background{ background-color: rgb(154,  
145, 96) }
```

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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