

Converting Colors

XYZ(27.5883, 31.5137, 19.1940)

Have a look what the booklet for
XYZ(27.5883, 31.5137, 19.1940)
contains.

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Color

**XYZ(27.5977, 31.5565,
19.1045)**

Conversions

Conversions Part 1

Format	Color
Hex	989C6D
RGB	152, 156, 109
RGB Percent	60%, 61%, 43%
CMY	0.4039, 0.3882, 0.5725
CMYK	0.03, 0.00, 0.30, 0.39
HSL	65°, 19%, 52%
HSV	65°, 30%, 61%
XYZ	27.5977, 31.5565, 19.1045
YIQ	149.4460, 12.7030, -15.4650

Conversions

Conversions Part 2

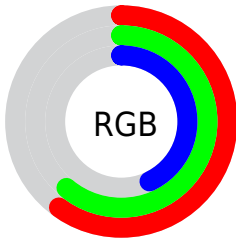
Format	Color
RYB	109, 156, 113
Decimal	10001517
CIELab	62.97, -9.32, 24.20
CIELCh	63, 25.928, 111.058
Yxy	31.5565, 0.3526, 0.4032
Android (android.graphics.Color)	4288191597 (0xFF989C6D)
YUV	149.4460, -19.9399, 2.2399
Hunter-Lab	56.1752, -10.6132, 19.1588

Details

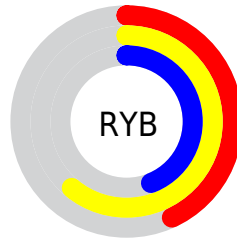
The XYZ color **27.5977, 31.5565, 19.1045** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.2807, 16.8492, 33.7431**, and the grayscale version is **28.8335, 30.3351, 33.0349**.

A 20% lighter version of the original color is **55.2117, 61.9318, 42.7623**, and **11.1494, 13.1494, 6.3653** is the 20% darker color. If you saturate the color by 10%, you get **26.5843, 31.1237, 15.0557**, and if you desaturate by 10%, it is **28.7645, 32.0532, 23.9399**.

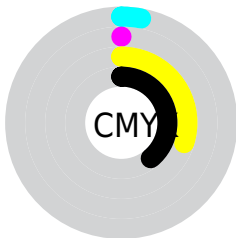
Distribution



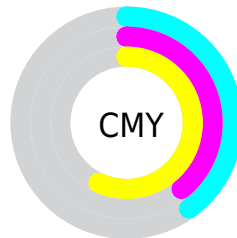
- Red (60%)
- Green (61%)
- Blue (43%)



- Red (43%)
- Yellow (61%)
- Blue (44%)



- Cyan (3%)
- Magenta (0%)
- Yellow (30%)
- Black (39%)



- Cyan (40%)
- Magenta (39%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5977, 31.5565, 19.1045 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 27.5977, 31.5565, 19.1045 by changing the saturation by 10% instead.

■ 27.5977, 31.5565,
19.1045

■ 27.5977, 31.5565,
19.1045

282.6546,
309.0940, 259.4670

■ 18.1615, 21.0230,
11.5682

■ 55.2547, 62.1152,
42.7497

■ 11.1664, 13.1408,
6.3315

■ 74.2061, 82.9091,
59.6956

■ 6.2470, 7.5256,
2.9756

■ 97.0601, 107.8920,
80.6152

■ 3.0379, 3.7929,
1.0822

■ 124.1819,
137.4482, 105.9270

■ 1.1739, 1.5584,
0.0000

155.9369,
171.9620, 136.0496

■ 0.0856, 0.3293,
0.0000

192.6905,

■ 0.0000, 0.0000,

211.8181, 171.4014

0.0000

234.8079,
257.4006, 212.4010

■ 27.5977, 31.5565,
19.1045

■ 27.5977, 31.5565,
19.1045

■ 26.5843, 31.1237,
15.0557

■ 28.7645, 32.0532,
23.9399

■ 25.7142, 30.7473,
11.7499

■ 30.0898, 32.6125,
29.5983

■ 24.9793, 30.4255,
9.1425


■ 31.5810, 33.2386,
36.1163


■ 24.3703, 30.1543,
7.1831


■ 33.2447, 33.9339,
43.5277


■ 23.8763, 29.9293,
5.8148


■ 35.0870, 34.7010,
51.8645


 23.4845, 29.7456,
4.9707

 37.1135, 35.5422,
61.1572

 23.1675, 29.5925,
4.4909

 39.3299, 36.4596,
71.4346

 41.7414, 37.4554,
82.7247

 44.3531, 38.5315,
95.0541

Harmonies

Analogous

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



31.0715, 31.5565, 18.3886



27.5977, 31.5565, 19.1045



24.9724, 31.5565, 23.4403

Triad

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



27.5977, 31.5565, 19.1045



25.8887, 31.5565, 51.9988



37.2860, 31.5565, 37.5018

Complementary

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



27.5977, 31.5565, 19.1045



18.2807, 16.8492, 33.7431

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.



35.6462, 31.5565, 48.2321



27.5977, 31.5565, 19.1045



28.9408, 31.5565, 57.6253

Square

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



27.5977, 31.5565, 19.1045



24.0415, 31.5565, 41.9059



32.5241, 31.5565, 56.1249



36.8548, 31.5565, 27.7785

Rectangle

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



27.5977, 31.5565, 19.1045



23.9668, 31.5565, 28.3738



32.5241, 31.5565, 56.1249



36.9542, 31.5565, 41.1332

Sweetspot

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



27.5985, 31.5579, 19.1052



54.8928, 59.3331, 54.8132



22.3676, 19.9646, 17.1431



12.0020, 13.0235, 11.7291



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.



27.5985, 31.5579, 19.1052



48.8811, 56.7835, 29.7007



23.6401, 29.5173, 18.9199



7.1144, 7.6916, 7.0953



19.0961, 24.3811, 3.6996



0.3561, 0.4435, 0.0668

Inverse Universe

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



18.2807, 16.8492, 33.7431



29.2428, 25.7771, 60.5610



21.6916, 18.6075, 33.9027



6.3345, 6.4609, 8.3199



5.0967, 2.0565, 26.0355



0.1047, 0.0438, 0.4662

Previews

White Background



This preview shows how the XYZ color 27.5977, 31.5565, 19.1045 looks on a white background.

Color Contrast Check

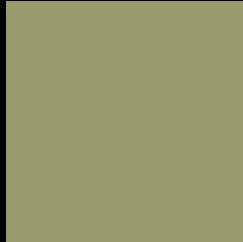
Large Text (above 18pt) WCAG AA × Fail

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 27.5977, 31.5565, 19.1045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

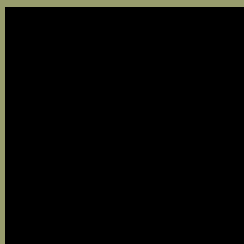
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.5977, 31.5565, 19.1045

Background



This preview shows how black text looks on a background with the XYZ color 27.5977, 31.5565, 19.1045.



This preview shows how white text looks on a background with the XYZ color 27.5977, 31.5565,

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

27.5977, 31.5565, 19.1045

Protanopia

29.1919, 31.4105, 18.4342

Deuteranopia

31.9705, 31.4088, 19.4164



Tritanopia

31.4785, 31.4390, 38.1275

Trichromacy



Original Color

27.5977, 31.5565, 19.1045

Protanomaly

28.5952, 31.3388, 18.7292

Deuteranomaly

30.2984, 31.4845, 19.2321

Tritanomaly

29.8210, 31.4774, 30.0952

Monochromacy



Original Color

27.5977, 31.5565, 19.1045

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.1090, 30.6617, 26.9911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5977, 31.5565, 19.1045 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(152, 156, 109)` looks like.

```
.text, #text, p{  
    color:rgb(152, 156, 109)  
}
```

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(152, 156, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 156, 109) }
```

Border

The CSS property to change the border of an element to XYZ 27.5977, 31.5565, 19.1045 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(152, 156, 109) }
```


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

```
.border{ border-color:rgb(152, 156, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 156, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 156, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 156, 109);  
box-shadow:4px 4px 4px 4px rgb(152, 156,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5977, 31.5565, 19.1045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 156, 109) }
```

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

```
.background{ background-color: rgb(152,  
156, 109) }
```

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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