

Converting Colors

XYZ(27.3851, 31.1657, 21.4431)

Have a look what the booklet for
XYZ(27.3851, 31.1657, 21.4431)
contains.

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Color

**XYZ(27.3267, 31.1166,
21.3955)**

Conversions

Conversions Part 1

Format	Color
Hex	959B75
RGB	149, 155, 117
RGB Percent	58%, 61%, 46%
CMY	0.4157, 0.3921, 0.5412
CMYK	0.04, 0.00, 0.25, 0.39
HSL	69°, 16%, 53%
HSV	69°, 25%, 61%
XYZ	27.3267, 31.1166, 21.3955
YIQ	148.8740, 8.6220, -13.0900

Conversions

Conversions Part 2

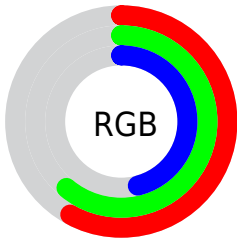
Format	Color
RYB	117, 155, 123
Decimal	9804661
CIELab	62.61, -8.81, 19.25
CIELCh	63, 21.175, 114.599
Yxy	31.1166, 0.3423, 0.3897
Android (android.graphics.Color)	4287994741 (0xFF959B75)
YUV	148.8740, -15.7139, 0.1105
Hunter-Lab	55.7823, -10.1751, 16.3067

Details

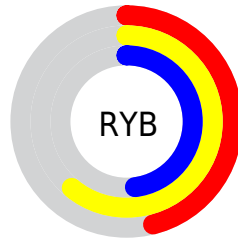
The XYZ color **27.3267, 31.1166, 21.3955** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.4472, 19.3009, 33.6598**, and the grayscale version is **28.5762, 30.0644, 32.7401**.

A 20% lighter version of the original color is **54.5905, 61.1620, 46.4643**, and **11.0307, 12.9147, 7.3802** is the 20% darker color. If you saturate the color by 10%, you get **26.0480, 30.5551, 16.9659**, and if you desaturate by 10%, it is **28.7673, 31.7461, 26.6217**.

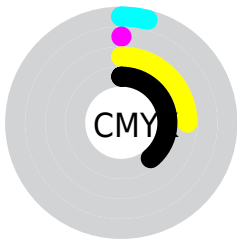
Distribution



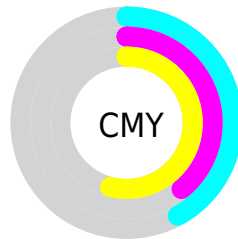
- Red (58%)
- Green (61%)
- Blue (46%)



- Red (46%)
- Yellow (61%)
- Blue (48%)



- Cyan (4%)
- Magenta (0%)
- Yellow (25%)
- Black (39%)



- Cyan (42%)
- Magenta (39%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3267, 31.1166, 21.3955 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 27.3267, 31.1166, 21.3955 by changing the saturation by 10% instead.

■ 27.3267, 31.1166,
21.3955

■ 27.3267, 31.1166,
21.3955

281.3743,
307.0751, 272.2227

■ 17.9566, 20.6877,
13.2194

■ 54.8239, 61.4236,
46.6341

■ 11.0183, 12.8959,
7.4473

■ 73.6816, 82.0704,
64.5337

■ 6.1465, 7.3569,
3.6607

■ 96.4327, 106.8920,
86.5115

■ 2.9759, 3.6863,
1.4411

123.4423,
136.2728, 112.9861

■ 1.1410, 1.4997,
0.1735

155.0760,
170.5971, 144.3759

■ 0.0590, 0.2885,
0.0000

191.6989,

■ 0.0000, 0.0000,

210.2493, 181.0996

0.0000

233.6766,
255.6138, 223.5757

■ 27.3267, 31.1166,
21.3955

■ 27.3267, 31.1166,
21.3955

■ 26.0480, 30.5551,
16.9659

■ 28.7673, 31.7461,
26.6217

■ 24.9214, 30.0545,
13.2919

■ 30.3744, 32.4422,
32.6790

■ 23.9395, 29.6128,
10.3316

■ 32.1554, 33.2089,
39.6021

■ 23.0935, 29.2265,
8.0386

■ 34.1164, 34.0487,
47.4234

■ 22.3734, 28.8917,
6.3606

■ 36.2633, 34.9641,
56.1734

■ 21.7677, 28.6037,
5.2379

■ 38.6017, 35.9571,
65.8812

■ 21.2625, 28.3569,
4.5968

■ 41.1369, 37.0300,
76.5747

■ 21.0076, 28.2309,
4.3419

■ 43.8741, 38.1848,
88.2807

■ 46.5748, 39.3261,
99.7437

Harmonies

Analogous

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



30.1004, 31.1166, 20.4023



27.3267, 31.1166, 21.3955



25.2819, 31.1166, 25.4887

Triad

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



27.3267, 31.1166, 21.3955



26.4781, 31.1166, 48.5438



35.4464, 31.1166, 35.3975

Complementary

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



27.3267, 31.1166, 21.3955



20.4472, 19.3009, 33.6598

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.



34.3294, 31.1166, 43.9380



27.3267, 31.1166, 21.3955



29.0565, 31.1166, 52.2775

Square

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



27.3267, 31.1166, 21.3955



24.8147, 31.1166, 40.9305



31.9442, 31.1166, 50.4684



34.9091, 31.1166, 27.6907

Rectangle

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



27.3267, 31.1166, 21.3955



24.5451, 31.1166, 29.8358



31.9442, 31.1166, 50.4684



35.2499, 31.1166, 38.2755

Sweetspot

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



27.3275, 31.1180, 21.3962



53.6110, 57.7588, 55.5325



23.7753, 22.3454, 19.8901



12.0991, 13.0581, 12.4348



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.



27.3275, 31.1180, 21.3962



47.7462, 55.2029, 34.1370



24.1853, 29.4981, 21.2491



6.6131, 7.1735, 6.6419



16.8988, 22.6875, 3.4885



0.2753, 0.3509, 0.0532

Inverse Universe

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



20.4472, 19.3009, 33.6598



33.4198, 30.5924, 59.6798



23.3826, 20.8142, 33.7972



5.9709, 6.0709, 7.7861



5.0864, 2.0732, 25.0398



0.0963, 0.0414, 0.3753

Previews

White Background



This preview shows how the XYZ color 27.3267, 31.1166, 21.3955 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 27.3267, 31.1166, 21.3955 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

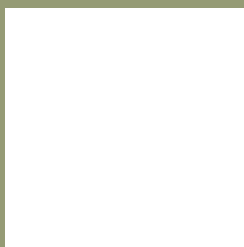
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3267, 31.1166, 21.3955

Background



This preview shows how black text looks on a background with the XYZ color 27.3267, 31.1166, 21.3955.



This preview shows how white text looks on a background with the XYZ color 27.3267, 31.1166,

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

27.3267, 31.1166, 21.3955

Protanopia

29.0614, 31.0524, 20.6817

Deuteranopia

31.5866, 30.9298, 21.7580



Tritanopia

30.6980, 31.0367, 38.0909

Trichromacy



Original Color

27.3267, 31.1166, 21.3955

Protanomaly

28.2852, 30.8855, 20.9937

Deuteranomaly

29.9538, 31.0184, 21.5480

Tritanomaly

29.3143, 30.9499, 31.2170

Monochromacy



Original Color

27.3267, 31.1166, 21.3955

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.9764, 30.3289, 28.0465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3267, 31.1166, 21.3955 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(149, 155, 117)` looks like.

```
.text, #text, p{  
    color:rgb(149, 155, 117)  
}
```

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(149, 155, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 155, 117) }
```

Border

The CSS property to change the border of an element to XYZ 27.3267, 31.1166, 21.3955 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(149, 155, 117) }
```


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

```
.border{ border-color:rgb(149, 155, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 155, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 155, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 155, 117);  
box-shadow:4px 4px 4px 4px rgb(149, 155,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3267, 31.1166, 21.3955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 155, 117) }
```

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

```
.background{ background-color: rgb(149,  
155, 117) }
```

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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