

Converting Colors

XYZ(28.5947, 31.0778, 19.5304)

Have a look what the booklet for
XYZ(28.5947, 31.0778, 19.5304)
contains.

XYZ(28.5947, 31.0778, 19.5304)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.5947, 31.0778,
19.5304)**

Conversions

Conversions Part 1

Format	Color
Hex	A0986F
RGB	160, 152, 111
RGB Percent	63%, 60%, 44%
CMY	0.3725, 0.4039, 0.5647
CMYK	0.00, 0.05, 0.31, 0.37
HSL	50°, 21%, 53%
HSV	50°, 31%, 63%
XYZ	28.5947, 31.0778, 19.5304
YIQ	149.7180, 17.9290, -11.0550

Conversions

Conversions Part 2

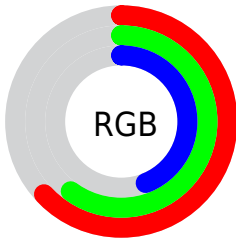
Format	Color
RYB	121, 160, 111
Decimal	10524783
CIELab	62.57, -3.65, 22.68
CIElCh	63, 22.970, 99.134
Yxy	31.0778, 0.3610, 0.3924
Android (android.graphics.Color)	4288714863 (0xFFA0986F)
YUV	149.7180, -19.0880, 9.0173
Hunter-Lab	55.7475, -5.9996, 18.2517

Details

The XYZ color **28.5947, 31.0778, 19.5304** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.4974, 19.1106, 35.9189**, and the grayscale version is **28.9436, 30.4509, 33.1610**.

A 20% lighter version of the original color is **56.7065, 61.2340, 43.4809**, and **11.7352, 12.8544, 6.5653** is the 20% darker color. If you saturate the color by 10%, you get **27.3726, 29.9194, 15.1591**, and if you desaturate by 10%, it is **29.9855, 32.3208, 24.7373**.

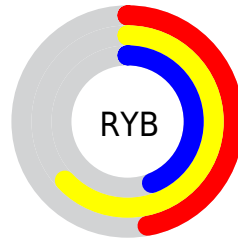
Distribution



Red (63%)

Green (60%)

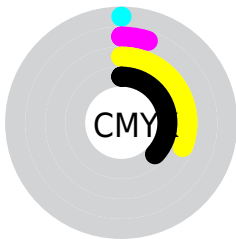
Blue (44%)



Red (47%)

Yellow (63%)

Blue (44%)

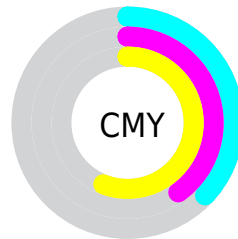


Cyan (0%)

Magenta (5%)

Yellow (31%)

Black (37%)



Cyan (37%)

Magenta (40%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5947, 31.0778, 19.5304 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 28.5947, 31.0778, 19.5304 by changing the saturation by 10% instead.

■ 28.5947, 31.0778,
19.5304

■ 28.5947, 31.0778,
19.5304

287.3266,
306.8966, 261.8810

■ 18.9172, 20.6581,
11.8735

■ 56.8346, 61.3625,
43.4770

■ 11.7141, 12.8743,
6.5361

■ 76.1276, 81.9964,
60.6038

■ 6.6201, 7.3421,
3.0997

■ 99.3565, 106.8037,
81.7243

■ 3.2699, 3.6769,
1.1458

■ 126.8866,
136.1689, 107.2570

■ 1.2980, 1.4945,
0.0000

159.0834,
170.4764, 137.6205

■ 0.1818, 0.2849,
0.0000

196.3120,

■ 0.0000, 0.0000,

210.1106, 173.2333

0.0000

238.9380,
255.4559, 214.5140

■ 28.5947, 31.0778,
19.5304

■ 28.5947, 31.0778,
19.5304

■ 27.3726, 29.9194,
15.1591

■ 29.9855, 32.3208,
24.7373

■ 26.3085, 28.8380,
11.5771

■ 31.5505, 33.6474,
30.8188

■ 25.3937, 27.8310,
8.7363

■ 33.2980, 35.0620,
37.8142

■ 24.6181, 26.8943,
6.5831

■ 35.2346, 36.5676,
45.7593

■ 23.9699, 26.0232,
5.0560

■ 37.3671, 38.1668,
54.6885

■ 23.4354, 25.2120,
4.0832

■ 39.7017, 39.8622,
64.6341

■ 23.0072, 24.4936,
3.5151

■ 42.2442, 41.6563,
75.6270

■ 45.0003, 43.5514,
87.6970

■ 47.9753, 45.5496,
100.8711

Harmonies

Analogous

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



31.7314, 31.0778, 20.1685



28.5947, 31.0778, 19.5304



25.9054, 31.0778, 22.1662

Triad

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



28.5947, 31.0778, 19.5304



25.1176, 31.0778, 45.9058



35.5179, 31.0778, 40.3470

Complementary

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



28.5947, 31.0778, 19.5304



19.4974, 19.1106, 35.9189

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.



33.4964, 31.0778, 49.0226



28.5947, 31.0778, 19.5304



27.4491, 31.0778, 52.6048

Square

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



28.5947, 31.0778, 19.5304



23.9931, 31.0778, 36.6450



30.5029, 31.0778, 53.8363



35.8786, 31.0778, 31.1790

Rectangle

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



28.5947, 31.0778, 19.5304



24.6741, 31.0778, 25.7537



30.5029, 31.0778, 53.8363



35.0035, 31.0778, 43.4594

Sweetspot

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



28.5955, 31.0792, 19.5311



57.7261, 61.4565, 57.6962



23.5217, 20.1787, 20.1608



12.5688, 13.4029, 12.2920



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



28.5955, 31.0792, 19.5311



50.3166, 54.9230, 29.6834



26.8837, 32.1888, 19.8354



7.0780, 7.5359, 7.0672



17.9493, 19.1342, 2.7472



0.3433, 0.3869, 0.0566

Inverse Universe

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



19.4974, 19.1106, 35.9189



31.0226, 29.5476, 64.4547



20.8320, 18.4450, 35.7200



6.3679, 6.6015, 8.3453



5.2552, 2.6020, 26.1325



0.1155, 0.0896, 0.4744

Previews

White Background



This preview shows how the XYZ color 28.5947, 31.0778, 19.5304 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 28.5947, 31.0778, 19.5304 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 28.5947, 31.0778, 19.5304

Background



This preview shows how black text looks on a background with the XYZ color 28.5947, 31.0778, 19.5304.



This preview shows how white text looks on a background with the XYZ color 28.5947, 31.0778,

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

28.5947, 31.0778, 19.5304

Protanopia

29.0401, 31.0674, 19.5050

Deuteranopia

31.6404, 31.0044, 19.6460



Tritanopia

32.0906, 31.0991, 36.2097

Trichromacy



Original Color

28.5947, 31.0778, 19.5304

Protanomaly

28.8361, 30.9623, 19.4954

Deuteranomaly

30.5278, 31.1203, 19.7271

Tritanomaly

30.6334, 30.9658, 29.1734

Monochromacy



Original Color

28.5947, 31.0778, 19.5304

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.8370, 30.7808, 27.7140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5947, 31.0778, 19.5304 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(160, 152, 111)` looks like.

```
.text, #text, p{  
    color:rgb(160, 152, 111)  
}
```

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(160, 152, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 152, 111) }
```

Border

The CSS property to change the border of an element to XYZ 28.5947, 31.0778, 19.5304 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(160, 152, 111) }
```


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

```
.border{ border-color:rgb(160, 152, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 152, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 152, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 152, 111);  
box-shadow:4px 4px 4px 4px rgb(160, 152,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5947, 31.0778, 19.5304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 152, 111) }
```

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

```
.background{ background-color: rgb(160,  
152, 111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor