

Converting Colors

XYZ(31.4126, 31.0687, 27.5672)

Have a look what the booklet for
XYZ(31.4126, 31.0687, 27.5672)
contains.

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Color

**XYZ(31.4552, 31.1911,
27.6552)**

Conversions

Conversions Part 1

Format	Color
Hex	AA9388
RGB	170, 147, 136
RGB Percent	67%, 58%, 53%
CMY	0.3333, 0.4235, 0.4667
CMYK	0.00, 0.14, 0.20, 0.33
HSL	19°, 17%, 60%
HSV	19°, 20%, 67%
XYZ	31.4552, 31.1911, 27.6552
YIQ	152.6230, 17.2390, 1.4550

Conversions

Conversions Part 2

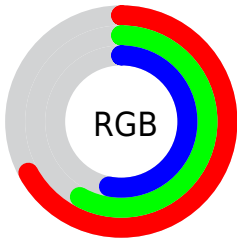
Format	Color
RYB	170, 152, 136
Decimal	11178888
CIELab	62.67, 6.76, 8.98
CIELCh	63, 11.238, 53.013
Yxy	31.1911, 0.3483, 0.3454
Android (android.graphics.Color)	4289368968 (0xFFAA9388)
YUV	152.6230, -8.1951, 15.2396
Hunter-Lab	55.8490, 2.7988, 9.7352

Details

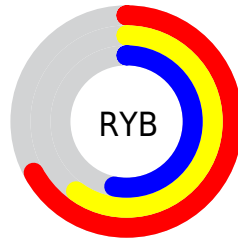
The XYZ color **31.4552, 31.1911, 27.6552** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.8069, 32.9319, 42.8158**, and the grayscale version is **30.1444, 31.7143, 34.5368**.

A 20% lighter version of the original color is **61.4360, 61.6162, 56.7992**, and **13.1987, 12.8195, 10.5829** is the 20% darker color. If you saturate the color by 10%, you get **28.6422, 27.3476, 21.2221**, and if you desaturate by 10%, it is **34.6403, 35.4716, 35.1585**.

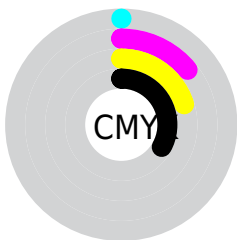
Distribution



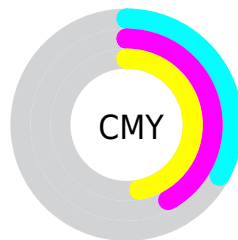
- Red (67%)
- Green (58%)
- Blue (53%)



- Red (67%)
- Yellow (60%)
- Blue (53%)



- Cyan (0%)
- Magenta (14%)
- Yellow (20%)
- Black (33%)



- Cyan (33%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4552, 31.1911, 27.6552 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 31.4552, 31.1911, 27.6552 by changing the saturation by 10% instead.

■ 31.4552, 31.1911,
27.6552

■ 31.4552, 31.1911,
27.6552

300.4195,
307.4177, 304.6756

■ 21.0992, 20.7444,
17.8291

■ 61.3270, 61.5408,
56.9499

■ 13.3094, 12.9373,
10.6592

■ 81.5736, 82.2126,
77.2557

■ 7.7204, 7.3854,
5.7269

■ 105.8477,
107.0616, 101.8917

■ 3.9669, 3.7043,
2.6136

134.5148,
136.4721, 131.2767

■ 1.6834, 1.5095,
0.8995

167.9402,
170.8286, 165.8289

■ 0.4459, 0.2954,
0.0000

206.4892,

■ 0.0000, 0.0000,

210.5155, 205.9672

0.0000

250.5272,
255.9170, 252.1099

■ 31.4552, 31.1911,
27.6552

■ 31.4552, 31.1911,
27.6552

■ 28.6422, 27.3476,
21.2221

■ 34.6403, 35.4716,
35.1585

■ 26.1846, 23.9227,
15.8082

■ 38.2083, 40.1982,
43.7761

■ 24.0679, 20.9031,
11.3608

■ 42.1729, 45.3851,
53.5519

■ 22.2758, 18.2731,
7.8220

■ 46.5462, 51.0445,
64.5269

■ 20.7904, 16.0156,
5.1276

■ 51.3398, 57.1883,
76.7401

■ 19.5918, 14.1125,
3.2048

■ 56.5647, 63.8278,
90.2287

■ 18.6573, 12.5437,
1.9682

■ 62.2315, 70.9738,
105.0271

■ 17.9447, 11.2802,
1.2315

■ 65.4913, 77.4934,
106.1137

■ 17.9446, 11.2802,
1.2315

■ 68.9652, 84.4413,
107.2717

Harmonies

Analogous

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



32.4429, 31.1911, 30.7674



31.4552, 31.1911, 27.6552



30.0062, 31.1911, 26.2529

Triad

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



31.4552, 31.1911, 27.6552



26.8157, 31.1911, 32.9452



30.8135, 31.1911, 42.3394

Complementary

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



31.4552, 31.1911, 27.6552



29.8069, 32.9319, 42.8158

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.



29.2891, 31.1911, 43.0489



31.4552, 31.1911, 27.6552



27.0151, 31.1911, 37.3701

Square

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



31.4552, 31.1911, 27.6552



27.3535, 31.1911, 29.1319



27.9079, 31.1911, 41.1610



32.0636, 31.1911, 39.2981

Rectangle

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



31.4552, 31.1911, 27.6552



28.9874, 31.1911, 26.3829



27.9079, 31.1911, 41.1610



30.3149, 31.1911, 42.8686

Sweetspot

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



31.4560, 31.1925, 27.6559



65.2856, 67.5981, 69.6296



31.6603, 28.6661, 36.7718



14.4699, 14.9564, 15.3133



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



31.4560, 31.1925, 27.6559



54.7275, 53.4051, 44.7663



34.2554, 36.7913, 28.5890



7.7220, 7.9240, 7.9118



13.2461, 8.3895, 0.9212



0.3684, 0.2963, 0.0378

Inverse Universe

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



29.8069, 32.9319, 42.8158



51.1826, 57.1377, 77.3329



27.1172, 27.5525, 41.9192



7.5398, 8.1166, 9.5876



9.8979, 11.2559, 29.6264



0.2842, 0.3606, 0.7353

Previews

White Background



This preview shows how the XYZ color 31.4552, 31.1911, 27.6552 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 31.4552, 31.1911, 27.6552 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 31.4552, 31.1911, 27.6552

Background



This preview shows how black text looks on a background with the XYZ color 31.4552, 31.1911, 27.6552.



This preview shows how white text looks on a background with the XYZ color 31.4552, 31.1911,

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

31.4552, 31.1911, 27.6552

Protanopia

29.7546, 31.2373, 28.5059

Deuteranopia

31.7361, 31.1060, 27.6239



Tritanopia

32.9029, 31.0837, 35.2759

Trichromacy



Original Color

31.4552, 31.1911, 27.6552

Protanomaly

30.3220, 31.3002, 28.1103

Deuteranomaly

31.5174, 30.9933, 27.6137

Tritanomaly

32.2653, 31.0468, 32.3090

Monochromacy



Original Color

31.4552, 31.1911, 27.6552

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.6311, 31.6107, 32.0908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4552, 31.1911, 27.6552 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(170, 147, 136)` looks like.

```
.text, #text, p{  
    color:rgb(170, 147, 136)  
}
```

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(170, 147, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 147, 136) }
```

Border

The CSS property to change the border of an element to XYZ 31.4552, 31.1911, 27.6552 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(170, 147, 136) }
```


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

```
.border{ border-color:rgb(170, 147, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 147, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 147, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 147, 136); box-shadow:4px 4px 4px 4px rgb(170, 147, 136) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4552, 31.1911, 27.6552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 147, 136) }
```

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

```
.background{ background-color: rgb(170,  
147, 136) }
```

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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