

Converting Colors

XYZ(27.4667, 31.7196, 32.2216)

Have a look what the booklet for
XYZ(27.4667, 31.7196, 32.2216)
contains.

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Color

**XYZ(27.4850, 31.7112,
32.2760)**

Conversions

Conversions Part 1

Format	Color
Hex	879E93
RGB	135, 158, 147
RGB Percent	53%, 62%, 58%
CMY	0.4706, 0.3804, 0.4235
CMYK	0.15, 0.00, 0.07, 0.38
HSL	151°, 11%, 57%
HSV	151°, 15%, 62%
XYZ	27.4850, 31.7112, 32.2760
YIQ	149.8690, -10.1770, -8.2970

Conversions

Conversions Part 2

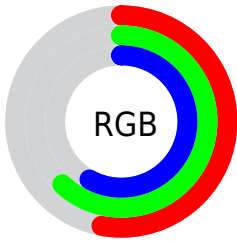
Format	Color
RYB	135, 150, 158
Decimal	8887955
CIELab	63.10, -10.32, 3.03
CIELCh	63, 10.759, 163.631
Yxy	31.7112, 0.3005, 0.3467
Android (android.graphics.Color)	4287078035 (0xFF879E93)
YUV	149.8690, -1.4144, -13.0401
Hunter-Lab	56.3127, -11.4253, 5.4364

Details

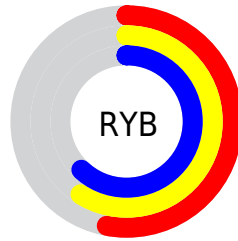
The XYZ color **27.4850, 31.7112, 32.2760** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.9540, 26.6732, 30.8707**, and the grayscale version is **28.9435, 30.4508, 33.1609**.

A 20% lighter version of the original color is **55.0759, 62.4969, 64.4186**, and **11.1153, 13.2912, 13.0460** is the 20% darker color. If you saturate the color by 10%, you get **24.5555, 30.2682, 29.1445**, and if you desaturate by 10%, it is **30.8326, 33.3670, 35.6318**.

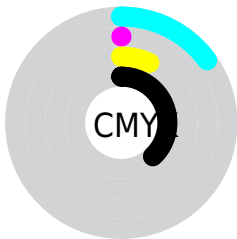
Distribution



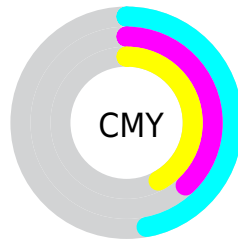
- Red (53%)
- Green (62%)
- Blue (58%)



- Red (53%)
- Yellow (59%)
- Blue (62%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (38%)



- Cyan (47%)
- Magenta (38%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4850, 31.7112, 32.2760 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 27.4850, 31.7112, 32.2760 by changing the saturation by 10% instead.

■ 27.4850, 31.7112,
32.2760

■ 27.4850, 31.7112,
32.2760

282.1227,
309.8016, 326.9060

■ 18.0763, 21.1410,
21.3058

■ 55.0756, 62.3581,
64.3464

■ 11.1048, 13.2271,
13.1543

■ 73.9881, 83.2035,
86.2838

■ 6.2052, 7.5851,
7.4029

■ 96.7994, 108.2429,
112.7140

■ 3.0121, 3.8306,
3.6331

123.8746,
137.8605, 144.0555

■ 1.1602, 1.5793,
1.4263

155.5792,
172.4408, 180.7269

■ 0.0746, 0.3436,
0.1621

192.2785,

■ 0.0000, 0.0000,

212.3681, 223.1468

0.0000

234.3379,
258.0269, 271.7336

■ 27.4850, 31.7112,
32.2760

■ 27.4850, 31.7112,
32.2760

■ 24.5555, 30.2682,
29.1445

■ 30.8326, 33.3670,
35.6318

■ 22.0241, 29.0250,
26.2305

■ 34.6118, 35.2399,
39.2144

■ 19.8731, 27.9737,
23.5299

■ 38.8389, 37.3390,
43.0288

■ 18.0825, 27.1039,
21.0376

■ 43.5285, 39.6718,
47.0793

■ 16.6301, 26.4044,
18.7483

■ 48.6946, 42.2454,
51.3700

■ 15.4915, 25.8625,
16.6565

■ 54.3504, 45.0666,
55.9049

■ 14.6385, 25.4639,
14.7563

■ 60.5088, 48.1418,
60.6880

■ 14.0367, 25.1910,
13.0413

■ 64.7865, 50.2425,
65.6111

■ 13.7668, 25.0706,
12.1818

■ 65.7357, 50.6222,
70.6094

Harmonies

Analogous

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



28.2143, 31.7112, 28.9449



27.4850, 31.7112, 32.2760



27.4518, 31.7112, 36.4899

Triad

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



27.4850, 31.7112, 32.2760



30.8180, 31.7112, 43.0938



32.2533, 31.7112, 29.1911

Complementary

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



27.4850, 31.7112, 32.2760



27.9540, 26.6732, 30.8707

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.



32.9993, 31.7112, 32.6380



27.4850, 31.7112, 32.2760



32.1525, 31.7112, 40.7868

Square

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



27.4850, 31.7112, 32.2760



29.3436, 31.7112, 42.9768



32.9619, 31.7112, 36.8826



30.9518, 31.7112, 27.2663

Rectangle

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



27.4850, 31.7112, 32.2760



27.8267, 31.7112, 39.2544



32.9619, 31.7112, 36.8826



32.5792, 31.7112, 30.1973

Sweetspot

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



27.4859, 31.7125, 32.2767



56.3003, 60.7455, 65.0069



28.4760, 32.3261, 27.6609



12.5875, 13.6429, 14.5532



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.



27.4859, 31.7125, 32.2767



48.3612, 56.8219, 56.9935



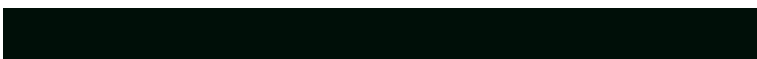
28.3259, 31.9441, 37.0222



6.6880, 7.4560, 7.7916



11.0453, 20.0861, 9.8614



0.2188, 0.3677, 0.2886

Inverse Universe

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



27.9540, 26.6732, 30.8707



49.3542, 46.1325, 54.0113



27.1922, 26.4542, 26.5951



6.7586, 6.6963, 7.5797



12.3458, 6.2429, 6.0719



0.2420, 0.1201, 0.2206

Previews

White Background



This preview shows how the XYZ color 27.4850, 31.7112, 32.2760 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 27.4850, 31.7112, 32.2760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

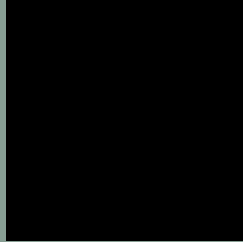
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.4850, 31.7112, 32.2760

Background



This preview shows how black text looks on a background with the XYZ color 27.4850, 31.7112, 32.2760.



This preview shows how white text looks on a background with the XYZ color 27.4850, 31.7112,

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

27.4850, 31.7112, 32.2760

Protanopia

30.1669, 31.6382, 30.9024

Deuteranopia

32.0070, 31.3622, 32.8003



Tritanopia

29.3439, 31.7217, 41.1355

Trichromacy



Original Color

27.4850, 31.7112, 32.2760

Protanomaly

29.0609, 31.5451, 31.3452

Deuteranomaly

30.1222, 31.3393, 32.4784

Tritanomaly

28.7149, 31.7183, 37.8665

Monochromacy



Original Color

27.4850, 31.7112, 32.2760

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.4931, 30.9721, 32.9102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4850, 31.7112, 32.2760 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(135, 158, 147)` looks like.

```
.text, #text, p{  
    color:rgb(135, 158, 147)  
}
```

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(135, 158, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 158, 147) }
```

Border

The CSS property to change the border of an element to XYZ 27.4850, 31.7112, 32.2760 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(135, 158, 147) }
```


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

```
.border{ border-color:rgb(135, 158, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 158, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 158, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 158, 147);  
box-shadow:4px 4px 4px 4px rgb(135, 158,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4850, 31.7112, 32.2760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 158, 147) }
```

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

```
.background{ background-color: rgb(135,  
158, 147) }
```

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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