

Converting Colors

XYZ(27.0350, 31.3147, 35.1368)

Have a look what the booklet for
XYZ(27.0350, 31.3147, 35.1368)
contains.

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Color

**XYZ(27.1129, 31.4539,
35.2141)**

Conversions

Conversions Part 1

Format	Color
Hex	819E9A
RGB	129, 158, 154
RGB Percent	51%, 62%, 60%
CMY	0.4941, 0.3804, 0.3961
CMYK	0.18, 0.00, 0.03, 0.38
HSL	172°, 13%, 56%
HSV	172°, 18%, 62%
XYZ	27.1129, 31.4539, 35.2141
YIQ	148.8730, -16.0000, -7.3920

Conversions

Conversions Part 2

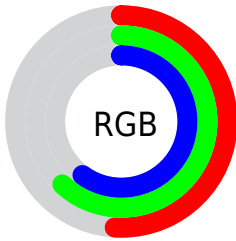
Format	Color
R_{YB}	129, 145, 158
Decimal	8494746
CIE _{Lab}	62.89, -10.90, -1.27
CIE _{LCh}	63, 10.971, 186.633
Y _{xy}	31.4539, 0.2891, 0.3354
Android (android.graphics.Color)	4286684826 (0xFF819E9A)
YUV	148.8730, 2.5276, -17.4286
Hunter-Lab	56.0838, -11.8533, 2.0314

Details

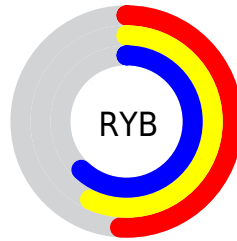
The XYZ color **27.1129, 31.4539, 35.2141** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.1856, 24.6640, 25.5722**, and the grayscale version is **28.5089, 29.9936, 32.6630**.

A 20% lighter version of the original color is **54.4708, 62.0876, 68.7877**, and **10.9303, 13.1569, 14.7954** is the 20% darker color. If you saturate the color by 10%, you get **24.7163, 30.2400, 34.1632**, and if you desaturate by 10%, it is **29.8858, 32.8630, 36.3012**.

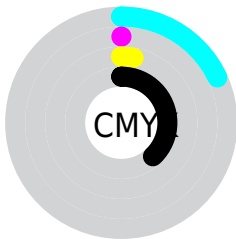
Distribution



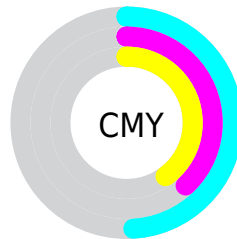
- Red (51%)
- Green (62%)
- Blue (60%)



- Red (51%)
- Yellow (57%)
- Blue (62%)



- Cyan (18%)
- Magenta (0%)
- Yellow (3%)
- Black (38%)



- Cyan (49%)
- Magenta (38%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1129, 31.4539, 35.2141 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 27.1129, 31.4539, 35.2141 by changing the saturation by 10% instead.

■ 27.1129, 31.4539,
35.2141

■ 27.1129, 31.4539,
35.2141

280.3609,
308.6240, 340.4453

■ 17.7951, 20.9447,
23.5430

■ 54.4836, 61.9540,
68.9726

■ 10.9017, 13.0836,
14.7859

■ 73.2672, 82.7137,
91.8971

■ 6.0676, 7.4861,
8.5243

■ 95.9367, 107.6590,
119.4098

■ 2.9273, 3.7679,
4.3397

122.8575,
137.1744, 151.9293

■ 1.1154, 1.5446,
1.8135

154.3950,
171.6442, 189.8740

■ 0.0380, 0.3198,
0.4368

190.9145,

■ 0.0000, 0.0000,

211.4528, 233.6625

0.0000

232.7813,
256.9846, 283.7135

■ 27.1129, 31.4539,
35.2141

■ 27.1129, 31.4539,
35.2141

■ 24.7163, 30.2400,
34.1632

■ 29.8858, 32.8630,
36.3012

■ 22.6762, 29.2087,
33.1454

■ 33.0481, 34.4717,
37.4232

■ 20.9751, 28.3519,
32.1605

■ 36.6159, 36.2890,
38.5815

■ 19.5932, 27.6591,
31.2075

■ 40.6031, 38.3222,
39.7770

■ 18.5083, 27.1191,
30.2853

■ 45.0235, 40.5783,
41.0103

■ 17.6954, 26.7190,
29.3926

■ 49.8898, 43.0638,
42.2821

■ 17.1255, 26.4437,
28.5279

■ 55.2145, 45.7853,
43.5931

■ 16.7437, 26.2651,
27.6886

■ 60.8604, 48.6720,
44.9370

■ 16.6856, 26.2381,
27.5523

■ 61.0707, 48.7561,
46.0445

Harmonies

Analogous

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



27.3176, 31.4539, 31.0652



27.1129, 31.4539, 35.2141



27.6336, 31.4539, 39.4345

Triad

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



27.1129, 31.4539, 35.2141



31.6560, 31.4539, 41.3378



31.0584, 31.4539, 27.1900

Complementary

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



27.1129, 31.4539, 35.2141



26.1856, 24.6640, 25.5722

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.



32.2787, 31.4539, 29.5374



27.1129, 31.4539, 35.2141



32.6317, 31.4539, 37.6410

Square

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



27.1129, 31.4539, 35.2141



30.2315, 31.4539, 43.1566



32.8633, 31.4539, 33.2996



29.5630, 31.4539, 26.6583

Rectangle

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



27.1129, 31.4539, 35.2141



28.3326, 31.4539, 41.6456



32.8633, 31.4539, 33.2996



31.5159, 31.4539, 27.7827

Sweetspot

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



27.1138, 31.4552, 35.2148



55.4925, 60.2981, 66.3703



25.9185, 31.0551, 25.3978



12.4357, 13.5560, 14.9357



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.



27.1138, 31.4552, 35.2148



47.3819, 56.1795, 63.1615



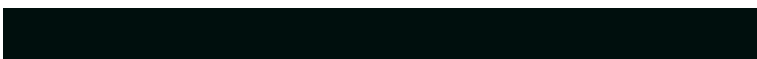
25.7922, 28.2697, 36.4463



6.7825, 7.4937, 8.2890



13.3736, 21.0174, 22.1220



0.2490, 0.3797, 0.4474

Inverse Universe

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



26.1856, 24.6640, 25.5722



45.3807, 41.5326, 42.3682



27.3185, 27.3639, 24.6115



6.6685, 6.6603, 7.1054



11.4168, 5.8713, 1.1797



0.2135, 0.1087, 0.0704

Previews

White Background



This preview shows how the XYZ color 27.1129, 31.4539, 35.2141 looks on a white background.

Color Contrast Check

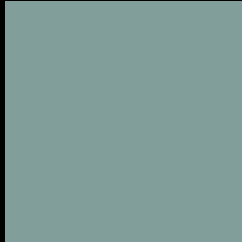
Large Text (above 18pt) WCAG AA × Fail

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 27.1129, 31.4539, 35.2141 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

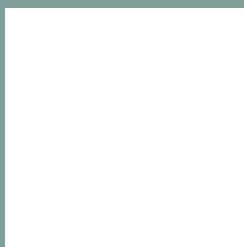
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1129, 31.4539, 35.2141

Background



This preview shows how black text looks on a background with the XYZ color 27.1129, 31.4539, 35.2141.



This preview shows how white text looks on a background with the XYZ color 27.1129, 31.4539,

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

27.1129, 31.4539, 35.2141

Protanopia

30.0892, 31.3038, 33.3105

Deuteranopia

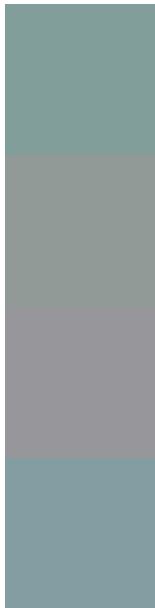
31.7443, 31.1603, 35.7939



Tritanopia

28.4721, 31.5096, 41.6271

Trichromacy



Original Color

27.1129, 31.4539, 35.2141

Protanomaly

28.9956, 31.4566, 33.8216

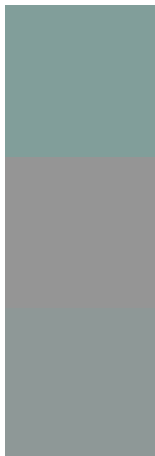
Deuteranomaly

29.7455, 31.0791, 35.4415

Tritanomaly

28.0279, 31.5836, 39.2693

Monochromacy



Original Color

27.1129, 31.4539, 35.2141

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.9695, 30.4416, 33.6798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1129, 31.4539, 35.2141 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(129, 158, 154)` looks like.

```
.text, #text, p{  
    color:rgb(129, 158, 154)  
}
```

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(129, 158, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 158, 154) }
```

Border

The CSS property to change the border of an element to XYZ 27.1129, 31.4539, 35.2141 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(129, 158, 154) }
```


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

```
.border{ border-color:rgb(129, 158, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 158, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 158, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 158, 154);  
box-shadow:4px 4px 4px 4px rgb(129, 158,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1129, 31.4539, 35.2141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 158, 154) }
```

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

```
.background{ background-color: rgb(129,  
158, 154) }
```

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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