

Converting Colors

XYZ(27.5159, 29.0459, 35.4093)

Have a look what the booklet for
XYZ(27.5159, 29.0459, 35.4093)
contains.

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Color

**XYZ(27.5898, 29.0185,
35.5995)**

Conversions

Conversions Part 1

Format	Color
Hex	8E939C
RGB	142, 147, 156
RGB Percent	56%, 58%, 61%
CMY	0.4431, 0.4235, 0.3882
CMYK	0.09, 0.06, 0.00, 0.39
HSL	219°, 7%, 58%
HSV	219°, 9%, 61%
XYZ	27.5898, 29.0185, 35.5995
YIQ	146.5310, -5.8690, 1.7390

Conversions

Conversions Part 2

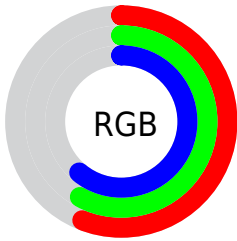
Format	Color
R_{YB}	142, 146, 156
Decimal	9343900
CIE _{Lab}	60.80, 0.03, -5.37
CIE _{LCh}	61, 5.371, 270.366
Y _{xy}	29.0185, 0.2992, 0.3147
Android (android.graphics.Color)	4287533980 (0xFF8E939C)
Y _{UV}	146.5310, 4.6682, -3.9737
Hunter-Lab	53.8688, -2.8487, -1.4739

Details

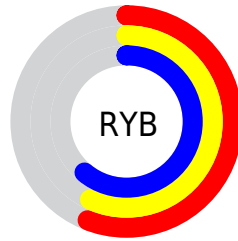
The XYZ color **27.5898, 29.0185, 35.5995** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.6596, 31.1540, 30.0418**, and the grayscale version is **27.5235, 28.9569, 31.5340**.

A 20% lighter version of the original color is **55.2845, 58.1622, 69.2854**, and **11.2381, 11.8446, 15.0585** is the 20% darker color. If you saturate the color by 10%, you get **23.6067, 24.7513, 34.9862**, and if you desaturate by 10%, it is **32.0851, 33.7531, 36.2769**.

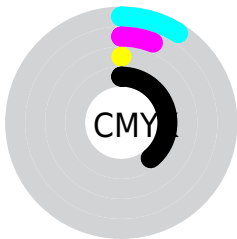
Distribution



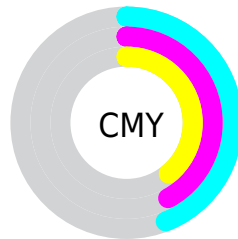
- Red (56%)
- Green (58%)
- Blue (61%)



- Red (56%)
- Yellow (57%)
- Blue (61%)



- Cyan (9%)
- Magenta (6%)
- Yellow (0%)
- Black (39%)



- Cyan (44%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5898, 29.0185, 35.5995 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 27.5898, 29.0185, 35.5995 by changing the saturation by 10% instead.

■ 27.5898, 29.0185,
35.5995

■ 27.5898, 29.0185,
35.5995

282.6174,
297.3022, 342.1909

■ 18.1555, 19.0948,
23.8378

■ 55.2421, 58.1065,
69.5755

■ 11.1621, 11.7388,
15.0023

■ 74.1909, 78.0396,
92.6269

■ 6.2441, 6.5661,
8.6743

■ 97.0418, 102.0779,
120.2787

■ 3.0361, 3.1923,
4.4355

124.1604,
130.6059, 152.9492

■ 1.1729, 1.2329,
1.8672

155.9119,
164.0079, 191.0572

■ 0.0848, 0.0883,
0.4717

192.6616,

■ 0.0000, 0.0000,

202.6684, 235.0211

0.0000

234.7750,
246.9717, 285.2595

■ 27.5898, 29.0185,
35.5995

■ 27.5898, 29.0185,
35.5995

■ 23.6067, 24.7513,
34.9862

■ 32.0851, 33.7531,
36.2769

■ 20.1144, 20.9330,
34.4333

■ 37.1080, 38.9655,
37.0183

■ 17.0936, 17.5490,
33.9393

■ 42.6763, 44.6706,
37.8260

■ 14.5226, 14.5826,
33.5023

■ 48.8063, 50.8813,
38.7017

■ 12.3781, 12.0161,
33.1199

■ 55.5135, 57.6101,
39.6469

■ 10.6344, 9.8299,
32.7898

■ 62.8128, 64.8690,
40.6633

■ 9.2629, 8.0029,
32.5095

■ 70.7186, 72.6696,
41.7523

■ 8.2305, 6.5111,
32.2759

■ 74.7685, 78.7156,
42.7059

■ 7.4725, 5.3139,
32.0848

■ 77.5946, 84.3679,
43.6479

Harmonies

Analogous

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



26.9226, 29.0185, 35.0578



27.5898, 29.0185, 35.5995



28.2655, 29.0185, 35.0314

Triad

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



27.5898, 29.0185, 35.5995



28.7560, 29.0185, 29.6919



26.4306, 29.0185, 29.7328

Complementary

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



27.5898, 29.0185, 35.5995



29.6596, 31.1540, 30.0418

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.



26.9080, 29.0185, 28.3932



27.5898, 29.0185, 35.5995



28.2504, 29.0185, 28.3704

Square

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



27.5898, 29.0185, 35.5995



28.9457, 29.0185, 31.5716



27.5726, 29.0185, 27.9049



26.2603, 29.0185, 31.6208

Rectangle

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



27.5898, 29.0185, 35.5995



28.6282, 29.0185, 34.1130



27.5726, 29.0185, 27.9049



26.5600, 29.0185, 29.2063

Sweetspot

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



27.5906, 29.0197, 35.6001



54.8259, 57.6885, 65.3721



28.6194, 31.7583, 33.8435



11.9244, 12.5470, 14.3637



74.8435, 78.7412, 85.7492



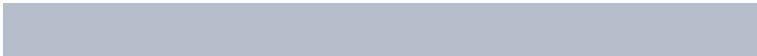
12.6291, 13.2868, 14.4694

Same Dimension

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



27.5906, 29.0197, 35.6001



48.4088, 50.8954, 64.3991



27.1526, 27.6642, 35.3616



6.4690, 6.8038, 8.3790



6.1275, 4.3466, 26.4233



0.1477, 0.1540, 0.4852

Inverse Universe

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



28.6504, 28.5211, 31.6002



50.7880, 49.8126, 55.4115



30.1233, 32.6135, 30.2991



6.7261, 6.6834, 7.4087



11.8911, 6.0610, 3.6776



0.2319, 0.1161, 0.1672

Previews

White Background



This preview shows how the XYZ color 27.5898, 29.0185, 35.5995 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5898, 29.0185, 35.5995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

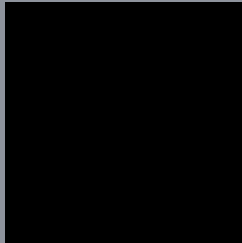
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.5898, 29.0185, 35.5995

Background



This preview shows how black text looks on a background with the XYZ color 27.5898, 29.0185, 35.5995.



This preview shows how white text looks on a background with the XYZ color 27.5898, 29.0185,

35.5995.

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

27.5898, 29.0185, 35.5995

Protanopia

28.2279, 29.1274, 35.1447

Deuteranopia

29.4691, 28.8482, 35.9134



Tritanopia

27.7606, 29.0868, 36.4989

Trichromacy



Original Color

27.5898, 29.0185, 35.5995

Protanomaly

27.8723, 28.9441, 35.1281

Deuteranomaly

28.8216, 28.9601, 35.9691

Tritanomaly

27.6749, 29.0525, 36.0474

Monochromacy



Original Color

27.5898, 29.0185, 35.5995

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.6158, 29.0892, 33.0134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5898, 29.0185, 35.5995 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(142, 147, 156)` looks like.

```
.text, #text, p{  
    color:rgb(142, 147, 156)  
}
```

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(142, 147, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 147, 156) }
```

Border

The CSS property to change the border of an element to XYZ 27.5898, 29.0185, 35.5995 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(142, 147, 156) }
```


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

```
.border{ border-color:rgb(142, 147, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 147, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 147, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 147, 156);  
box-shadow:4px 4px 4px 4px rgb(142, 147,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5898, 29.0185, 35.5995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 147, 156) }
```

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

```
.background{ background-color: rgb(142,  
147, 156) }
```

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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