

Converting Colors

XYZ(26.3340, 27.8411, 35.2390)

Have a look what the booklet for
XYZ(26.3340, 27.8411, 35.2390)
contains.

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Color

**XYZ(26.4427, 27.9695,
35.4575)**

Conversions

Conversions Part 1

Format	Color
Hex	89919C
RGB	137, 145, 156
RGB Percent	54%, 57%, 61%
CMY	0.4627, 0.4314, 0.3882
CMYK	0.12, 0.07, 0.00, 0.39
HSL	215°, 9%, 57%
HSV	215°, 12%, 61%
XYZ	26.4427, 27.9695, 35.4575
YIQ	143.8620, -8.2990, 1.7250

Conversions

Conversions Part 2

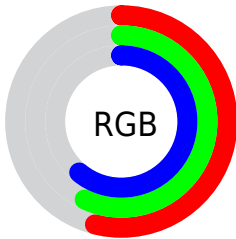
Format	Color
R_{YB}	137, 143, 156
Decimal	9015708
CIE Lab	59.86, -0.58, -6.80
CIE LCh	60, 6.828, 265.118
Yxy	27.9695, 0.2942, 0.3112
Android (android.graphics.Color)	4287205788 (0xFF89919C)
YUV	143.8620, 5.9840, -6.0180
Hunter-Lab	52.8862, -3.3022, -2.7306

Details

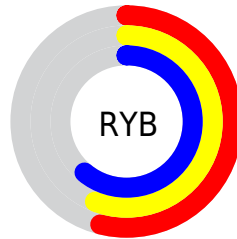
The XYZ color **26.4427, 27.9695, 35.4575** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.8157, 30.0537, 27.9496**, and the grayscale version is **26.4335, 27.8101, 30.2852**.

A 20% lighter version of the original color is **53.2915, 56.4471, 69.0594**, and **10.5725, 11.2306, 14.9751** is the 20% darker color. If you saturate the color by 10%, you get **22.7428, 24.0952, 34.9051**, and if you desaturate by 10%, it is **30.6237, 32.2561, 36.0650**.

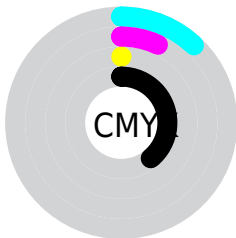
Distribution



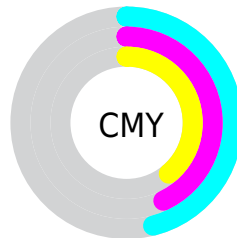
- Red (54%)
- Green (57%)
- Blue (61%)



- Red (54%)
- Yellow (56%)
- Blue (61%)



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)
- Black (39%)



- Cyan (46%)
- Magenta (43%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4427, 27.9695, 35.4575 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 26.4427, 27.9695, 35.4575 by changing the saturation by 10% instead.

■ 26.4427, 27.9695,
35.4575

■ 26.4427, 27.9695,
35.4575

277.1656,
292.3211, 341.5485

■ 17.2895, 18.3027,
23.7291

■ 53.4145, 56.4357,
69.3535

■ 10.5377, 11.1675,
14.9225

■ 71.9638, 76.0039,
92.3582

■ 5.8219, 6.1796,
8.6190

■ 94.3760, 99.6414,
119.9588

■ 2.7767, 2.9546,
4.4001

121.0162,
127.7325, 152.5738

■ 1.0368, 1.1081,
1.8473

152.2499,
160.6616, 190.6217

■ 0.0000, 0.0000,
0.4589

188.4425,

■ 0.0000, 0.0000,

198.8132, 234.5211

0.0000

229.9593,
242.5715, 284.6905

■ 26.4427, 27.9695,
35.4575

■ 26.4427, 27.9695,
35.4575

■ 22.7428, 24.0952,
34.9051

■ 30.6237, 32.2561,
36.0650

■ 19.5032, 20.6165,
34.4044

■ 35.3007, 36.9641,
36.7272

■ 16.7052, 17.5207,
33.9543

■ 40.4908, 42.1067,
37.4463

■ 14.3276, 14.7927,
33.5531

■ 46.2097, 47.6952,
38.2236

■ 12.3477, 12.4166,
33.1988

■ 52.4723, 53.7408,
39.0604

■ 10.7401, 10.3748,
32.8894

■ 59.2930, 60.2540,
39.9581

■ 9.4761, 8.6480,
32.6228

■ 66.6855, 67.2452,
40.9179

■ 8.5224, 7.2142,
32.3963

■ 72.1162, 73.4111,
41.8218

■ 7.9317, 6.2621,
32.2436

■ 74.5113, 78.2012,
42.6201

Harmonies

Analogous

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



25.6431, 27.9695, 34.5364



26.4427, 27.9695, 35.4575



27.2974, 27.9695, 34.9797

Triad

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



26.4427, 27.9695, 35.4575



28.1207, 27.9695, 28.4741



25.2413, 27.9695, 27.8071

Complementary

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



26.4427, 27.9695, 35.4575



28.8157, 30.0537, 27.9496

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.



25.8835, 27.9695, 26.3366



26.4427, 27.9695, 35.4575



27.5480, 27.9695, 26.7068

Square

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



26.4427, 27.9695, 35.4575



28.2782, 27.9695, 30.8617



26.7261, 27.9695, 25.9449



24.9592, 27.9695, 30.0499

Rectangle

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



26.4427, 27.9695, 35.4575



27.7817, 27.9695, 33.9450



26.7261, 27.9695, 25.9449



25.4216, 27.9695, 27.2110

Sweetspot

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



26.4435, 27.9707, 35.4581



54.1096, 57.0483, 65.2863



27.5323, 31.2266, 32.4970



11.7838, 12.4280, 14.3481



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.



26.4435, 27.9707, 35.4581



45.8408, 48.5287, 64.0776



25.4723, 25.7182, 35.0745



6.5029, 6.8715, 8.3903



6.5661, 5.2238, 26.5695



0.1583, 0.1752, 0.4887

Inverse Universe

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



27.7675, 27.0042, 30.5383



48.8158, 46.4356, 53.0050



29.8708, 32.5258, 28.3712



6.7432, 6.6902, 7.4986



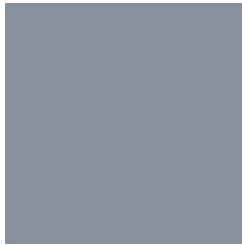
12.1125, 6.1496, 4.8433



0.2372, 0.1182, 0.1954

Previews

White Background



This preview shows how the XYZ color 26.4427, 27.9695, 35.4575 looks on a white background.

Color Contrast Check

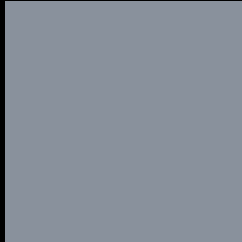
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4427, 27.9695, 35.4575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

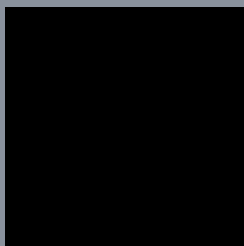
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

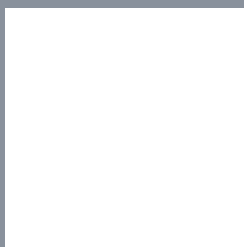
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4427, 27.9695, 35.4575

Background



This preview shows how black text looks on a background with the XYZ color 26.4427, 27.9695, 35.4575.



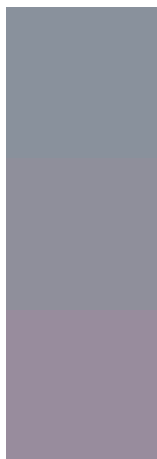
This preview shows how white text looks on a background with the XYZ color 26.4427, 27.9695,

35.4575.

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

26.4427, 27.9695, 35.4575

Protanopia

27.0665, 27.8511, 34.9596

Deuteranopia

28.4128, 27.8659, 35.7794



Tritanopia

26.4427, 27.9695, 35.4575

Trichromacy



Original Color

26.4427, 27.9695, 35.4575

Protanomaly

26.8742, 27.9758, 34.9938

Deuteranomaly

27.7914, 27.9834, 35.8349

Tritanomaly

26.4427, 27.9695, 35.4575

Monochromacy



Original Color

26.4427, 27.9695, 35.4575

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.3031, 27.7474, 31.9864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4427, 27.9695, 35.4575 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(137, 145, 156)` looks like.

```
.text, #text, p{  
    color:rgb(137, 145, 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(137, 145, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 145, 156) }
```

Border

The CSS property to change the border of an element to XYZ 26.4427, 27.9695, 35.4575 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(137, 145, 156) }
```


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

```
.border{ border-color:rgb(137, 145, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 145, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 145, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 145, 156);  
box-shadow:4px 4px 4px 4px rgb(137, 145,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4427, 27.9695, 35.4575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 145, 156) }
```

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

```
.background{ background-color: rgb(137,  
145, 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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