

Converting Colors

XYZ(26.9726, 29.4310, 34.3961)

Have a look what the booklet for
XYZ(26.9726, 29.4310, 34.3961)
contains.

XYZ(26.9726, 29.4310, 34.3961)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.9726, 29.4310,
34.3961)**

Conversions

Conversions Part 1

Format	Color
Hex	899699
RGB	137, 150, 153
RGB Percent	54%, 59%, 60%
CMY	0.4627, 0.4118, 0.4000
CMYK	0.10, 0.02, 0.00, 0.40
HSL	191°, 7%, 57%
HSV	191°, 10%, 60%
XYZ	26.9726, 29.4310, 34.3961
YIQ	146.4550, -8.7110, -1.8230

Conversions

Conversions Part 2

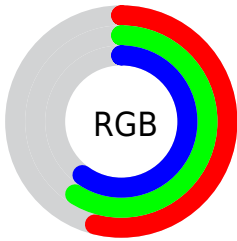
Format	Color
R_{YB}	137, 144, 153
Decimal	9016985
CIE _{Lab}	61.16, -4.01, -3.18
CIE _{LCh}	61, 5.119, 218.356
Yxy	29.4310, 0.2971, 0.3241
Android (android.graphics.Color)	4287207065 (0xFF899699)
YUV	146.4550, 3.2267, -8.2920
Hunter-Lab	54.2503, -6.1901, 0.3839

Details

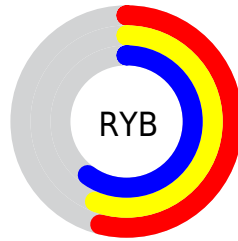
The XYZ color **26.9726, 29.4310, 34.3961** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.0303, 27.3342, 27.5186**, and the grayscale version is **27.4988, 28.9309, 31.5057**.

A 20% lighter version of the original color is **54.0906, 58.6379, 67.4988**, and **10.7906, 11.9092, 14.3004** is the 20% darker color. If you saturate the color by 10%, you get **24.1887, 27.3259, 34.1370**, and if you desaturate by 10%, it is **30.1251, 31.7443, 34.6769**.

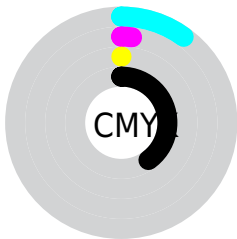
Distribution



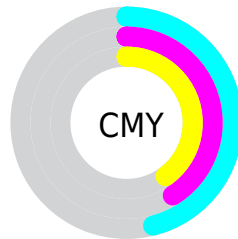
- Red (54%)
- Green (59%)
- Blue (60%)



- Red (54%)
- Yellow (56%)
- Blue (60%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (40%)



- Cyan (46%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9726, 29.4310, 34.3961 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 26.9726, 29.4310, 34.3961 by changing the saturation by 10% instead.

■ 26.9726, 29.4310,
34.3961

■ 26.9726, 29.4310,
34.3961

279.6944,
299.2431, 336.7176

■ 17.6891, 19.4071,
22.9182

■ 54.2601, 58.7612,
67.6901

■ 10.8254, 11.9648,
14.3284

■ 72.9948, 78.8362,
90.3433

■ 6.0159, 6.7197,
8.2081

■ 95.6107, 103.0305,
117.5587

■ 2.8955, 3.2874,
4.1387

122.4730,
131.7283, 149.7548

■ 1.0988, 1.2836,
1.7017

153.9472,
165.3141, 187.3503

■ 0.0241, 0.1284,
0.3619

190.3986,

■ 0.0000, 0.0000,

204.1722, 230.7635

0.0000

232.1926,
248.6871, 280.4131

■ 26.9726, 29.4310,
34.3961

■ 26.9726, 29.4310,
34.3961

■ 24.1887, 27.3259,
34.1370

■ 30.1251, 31.7443,
34.6769

■ 21.7558, 25.4175,
33.8968

■ 33.6577, 34.2695,
34.9781

■ 19.6589, 23.6986,
33.6756

■ 37.5846, 37.0148,
35.3011

■ 17.8805, 22.1602,
33.4724

■ 41.9185, 39.9869,
35.6463

■ 16.4018, 20.7925,
33.2863

■ 46.6715, 43.1920,
36.0145

■ 15.2019, 19.5845,
33.1164

■ 51.8552, 46.6364,
36.4061

■ 14.2570, 18.5238,
32.9614

■ 57.4806, 50.3258,
36.8217

■ 13.5393, 17.5960,
32.8202

■ 61.9206, 53.4215,
37.1852

■ 13.0000, 16.8003,
32.6950

■ 62.4759, 54.5320,
37.3703

Harmonies

Analogous

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



26.7147, 29.4310, 32.5860



26.9726, 29.4310, 34.3961



27.4996, 29.4310, 35.6081

Triad

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



26.9726, 29.4310, 34.3961



29.1911, 29.4310, 33.4292



27.7860, 29.4310, 28.5230

Complementary

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



26.9726, 29.4310, 34.3961



27.0303, 27.3342, 27.5186

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.



28.4524, 29.4310, 28.7285



26.9726, 29.4310, 34.3961



29.2708, 29.4310, 31.5108

Square

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



26.9726, 29.4310, 34.3961



28.7825, 29.4310, 35.0345



28.9984, 29.4310, 29.8042



27.1794, 29.4310, 29.2313

Rectangle

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



26.9726, 29.4310, 34.3961



27.9362, 29.4310, 35.8870



28.9984, 29.4310, 29.8042



28.0104, 29.4310, 28.4881

Sweetspot

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



26.9734, 29.4322, 34.3968



52.4168, 55.7362, 61.9675



26.4368, 29.9927, 29.1813



11.4761, 12.2356, 13.6743



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



26.9734, 29.4322, 34.3968



46.8446, 51.6166, 61.4660



25.7496, 26.9845, 33.9888



6.2862, 6.8298, 7.9159



10.7668, 13.9302, 27.0290



0.1835, 0.2534, 0.4116

Inverse Universe

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



27.5882, 26.8661, 32.5873



48.2224, 45.9296, 57.3957



28.2321, 29.7378, 27.9192



6.4116, 6.3038, 7.5474



13.8933, 6.8116, 16.4951



0.2191, 0.1064, 0.3066

Previews

White Background



This preview shows how the XYZ color 26.9726, 29.4310, 34.3961 looks on a white background.

Color Contrast Check

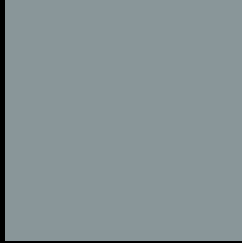
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9726, 29.4310, 34.3961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

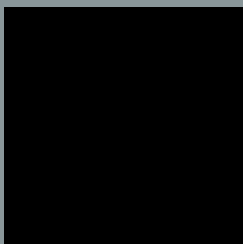
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

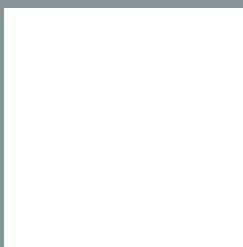
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9726, 29.4310, 34.3961

Background



This preview shows how black text looks on a background with the XYZ color 26.9726, 29.4310, 34.3961.



This preview shows how white text looks on a background with the XYZ color 26.9726, 29.4310,

34.3961.

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

26.9726, 29.4310, 34.3961

Protanopia

28.4141, 29.4914, 33.4730

Deuteranopia

29.9533, 29.3489, 34.6581



Tritanopia

27.6617, 29.4714, 37.9488

Trichromacy



Original Color

26.9726, 29.4310, 34.3961

Protanomaly

27.9345, 29.4665, 33.9211

Deuteranomaly

28.8741, 29.4702, 34.7383

Tritanomaly

27.4002, 29.3668, 36.5720

Monochromacy



Original Color

26.9726, 29.4310, 34.3961

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.1862, 28.8770, 32.5747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9726, 29.4310, 34.3961 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, 150, 153)` looks like.

```
.text, #text, p{  
    color:rgb(137, 150, 153)  
}
```

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, 150, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 150, 153) }
```

Border

The CSS property to change the border of an element to XYZ 26.9726, 29.4310, 34.3961 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, 150, 153) }
```


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

```
.border{ border-color:rgb(137, 150, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 150, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 150, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 150, 153);  
box-shadow:4px 4px 4px 4px rgb(137, 150,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9726, 29.4310, 34.3961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 150, 153) }
```

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

```
.background{ background-color: rgb(137,  
150, 153) }
```

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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