

Converting Colors

XYZ(26.8967, 26.0209, 37.1913)

Have a look what the booklet for
XYZ(26.8967, 26.0209, 37.1913)
contains.

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Color

**XYZ(26.9511, 26.0121,
37.3186)**

Conversions

Conversions Part 1

Format	Color
Hex	9287A1
RGB	146, 135, 161
RGB Percent	57%, 53%, 63%
CMY	0.4274, 0.4706, 0.3686
CMYK	0.09, 0.16, 0.00, 0.37
HSL	265°, 12%, 58%
HSV	265°, 16%, 63%
XYZ	26.9511, 26.0121, 37.3186
YIQ	141.2530, -1.7900, 10.4180

Conversions

Conversions Part 2

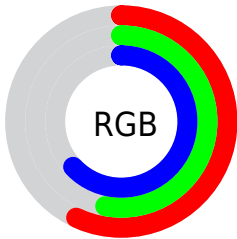
Format	Color
RYB	146, 135, 161
Decimal	9602977
CIELab	58.05, 9.31, -12.29
CIElCh	58, 15.422, 307.136
Yxy	26.0121, 0.2985, 0.2881
Android (android.graphics.Color)	4287793057 (0xFF9287A1)
YUV	141.2530, 9.7353, 4.1631
Hunter-Lab	51.0021, 5.0714, -7.6815

Details

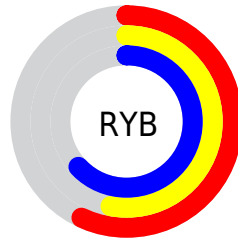
The XYZ color **26.9511, 26.0121, 37.3186** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **29.6965, 33.7236, 27.8669**, and the grayscale version is **25.3808, 26.7026, 29.0791**.

A 20% lighter version of the original color is **54.1973, 53.2037, 72.3786**, and **10.7281, 10.0340, 15.8393** is the 20% darker color. If you saturate the color by 10%, you get **23.2879, 21.0380, 36.5520**, and if you desaturate by 10%, it is **31.0897, 31.7370, 38.2059**.

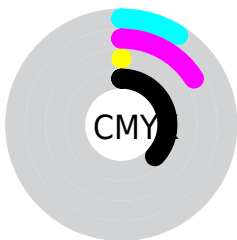
Distribution



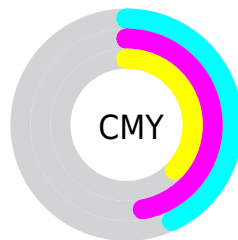
- Red (57%)
- Green (53%)
- Blue (63%)



- Red (57%)
- Yellow (53%)
- Blue (63%)



- Cyan (9%)
- Magenta (16%)
- Yellow (0%)
- Black (37%)



- Cyan (43%)
- Magenta (47%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9511, 26.0121, 37.3186 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 26.9511, 26.0121, 37.3186 by changing the saturation by 10% instead.

■ 26.9511, 26.0121,
37.3186

■ 26.9511, 26.0121,
37.3186

279.5921,
282.8415, 349.8980

■ 17.6729, 16.8327,
25.1565

■ 54.2258, 53.2945,
72.2543

■ 10.8137, 10.1153,
15.9736

■ 72.9531, 72.1662,
95.8651

■ 6.0080, 5.4755,
9.3514

■ 95.5607, 95.0375,
124.1291

■ 2.8907, 2.5288,
4.8711

122.4141,
122.2928, 157.4650

■ 1.0962, 0.8910,
2.1144

153.8786,
154.3165, 196.2913

■ 0.0220, 0.0000,
0.6243

190.3195,

■ 0.0000, 0.0000,

191.4928, 241.0266

0.0000

232.1022,
234.2064, 292.0893

■ 26.9511, 26.0121,
37.3186

■ 26.9511, 26.0121,
37.3186

■ 23.2879, 21.0380,
36.5520

■ 31.0897, 31.7370,
38.2059

■ 20.0795, 16.7792,
35.8991

■ 35.7188, 38.2395,
39.2170

■ 17.3069, 13.2027,
35.3548

■ 40.8554, 45.5490,
40.3572

■ 14.9490, 10.2709,
34.9132

■ 46.5152, 53.6925,
41.6307

■ 12.9826, 7.9428,
34.5675

■ 52.7131, 62.6956,
43.0418

■ 11.3819, 6.1726,
34.3102

■ 59.4635, 72.5830,
44.5945

■ 10.1175, 4.9072,
34.1326

■ 66.7800, 83.3782,
46.2926

■ 9.1500, 4.0738,
34.0227

■ 71.8027, 89.3575,
47.1820

■ 8.8250, 3.8063,
33.9882

■ 74.6980, 90.8502,
47.3175

Harmonies

Analogous

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



25.1716, 26.0121, 39.7769



26.9511, 26.0121, 37.3186



28.1753, 26.0121, 32.5009

Triad

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



26.9511, 26.0121, 37.3186



26.1425, 26.0121, 19.8788



21.3353, 26.0121, 29.6171

Complementary

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



26.9511, 26.0121, 37.3186



29.6965, 33.7236, 27.8669

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.



21.5662, 26.0121, 24.5190



26.9511, 26.0121, 37.3186



24.2812, 26.0121, 19.3102

Square

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



26.9511, 26.0121, 37.3186



27.6923, 26.0121, 22.5671



22.6226, 26.0121, 20.9029



21.9753, 26.0121, 34.9822

Rectangle

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



26.9511, 26.0121, 37.3186



28.4787, 26.0121, 28.8387



22.6226, 26.0121, 20.9029



21.3142, 26.0121, 27.8130

Sweetspot

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



26.9519, 26.0132, 37.3192



56.5100, 57.9982, 68.6029



27.3585, 29.5909, 37.9883



12.2795, 12.5607, 15.0209



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.



26.9519, 26.0132, 37.3192



46.0713, 43.5841, 66.3709



29.3628, 27.2560, 37.4320



6.9712, 6.9995, 8.8867



7.0928, 3.0630, 27.1472



0.2025, 0.0919, 0.5729

Inverse Universe

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



28.8677, 27.1080, 32.5659



50.1267, 45.9028, 56.2572



27.4628, 32.5721, 27.7624



7.2370, 7.1513, 8.2344



13.3335, 6.6895, 8.9467



0.3031, 0.1497, 0.3087

Previews

White Background



This preview shows how the XYZ color 26.9511, 26.0121, 37.3186 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 26.9511, 26.0121, 37.3186 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 26.9511, 26.0121, 37.3186

Background



This preview shows how black text looks on a background with the XYZ color 26.9511, 26.0121, 37.3186.



This preview shows how white text looks on a background with the XYZ color 26.9511, 26.0121,

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

26.9511, 26.0121, 37.3186

Protanopia

25.6910, 25.9722, 38.3094

Deuteranopia

26.5649, 26.0212, 37.3407



Tritanopia

25.7926, 25.9587, 31.6681

Trichromacy



Original Color

26.9511, 26.0121, 37.3186

Protanomaly

26.1147, 25.9889, 37.8224

Deuteranomaly

26.7388, 26.1108, 37.3488

Tritanomaly

26.2310, 25.9280, 33.7591

Monochromacy



Original Color

26.9511, 26.0121, 37.3186

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.9056, 26.4430, 31.7556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9511, 26.0121, 37.3186 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(146, 135, 161)` looks like.

```
.text, #text, p{  
    color:rgb(146, 135, 161)  
}
```

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(146, 135, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 135, 161) }
```

Border

The CSS property to change the border of an element to XYZ 26.9511, 26.0121, 37.3186 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(146, 135, 161) }
```


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

```
.border{ border-color:rgb(146, 135, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 135, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 135, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 135, 161);  
box-shadow:4px 4px 4px 4px rgb(146, 135,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9511, 26.0121, 37.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 135, 161) }
```

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

```
.background{ background-color: rgb(146,  
135, 161) }
```

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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