

Converting Colors

XYZ(26.9979, 35.0937, 25.4295)

Have a look what the booklet for
XYZ(26.9979, 35.0937, 25.4295)
contains.

XYZ(26.9979, 35.0937, 25.4295)	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(26.9979, 35.0937,
25.4295)**

Conversions

Conversions Part 1

Format	Color
Hex	7EAB7F
RGB	126, 171, 127
RGB Percent	49%, 67%, 50%
CMY	0.5059, 0.3294, 0.5020
CMYK	0.26, 0.00, 0.26, 0.33
HSL	121°, 21%, 58%
HSV	121°, 26%, 67%
XYZ	26.9979, 35.0937, 25.4295
YIQ	152.5290, -12.6960, -23.2240

Conversions

Conversions Part 2

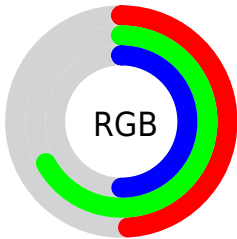
Format	Color
RYB	126, 170, 171
Decimal	8301439
CIELab	65.82, -24.00, 17.91
CIELCh	66, 29.947, 143.278
Yxy	35.0937, 0.3085, 0.4010
Android (android.graphics.Color)	4286491519 (0xFF7EAB7F)
YUV	152.5290, -12.5858, -23.2659
Hunter-Lab	59.2399, -22.3206, 16.0170

Details

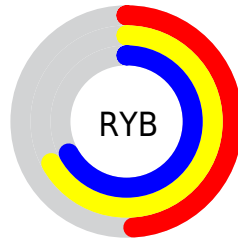
The XYZ color **26.9979, 35.0937, 25.4295** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **31.5124, 26.4828, 41.4826**, and the grayscale version is **30.1313, 31.7005, 34.5218**.

A 20% lighter version of the original color is **54.5297, 67.9368, 53.4191**, and **10.8736, 15.2396, 9.5762** is the 20% darker color. If you saturate the color by 10%, you get **23.6879, 33.5040, 20.0507**, and if you desaturate by 10%, it is **30.9217, 36.9810, 31.7825**.

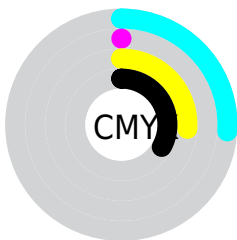
Distribution



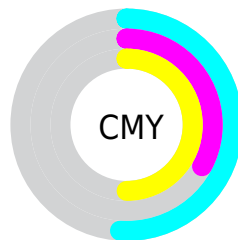
- Red (49%)
- Green (67%)
- Blue (50%)



- Red (49%)
- Yellow (67%)
- Blue (67%)



- Cyan (26%)
- Magenta (0%)
- Yellow (26%)
- Black (33%)



- Cyan (51%)
- Magenta (33%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9979, 35.0937, 25.4295 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 26.9979, 35.0937, 25.4295 by changing the saturation by 10% instead.


 26.9979, 35.0937,
25.4295


 26.9979, 35.0937,
25.4295


279.8147,
324.9817, 293.4860


 17.7082, 23.7351,
16.1754


 54.3004, 67.6309,
53.3259

 10.8391, 15.1372,
9.4927


 73.0440, 89.5782,
72.8052

 6.0253, 8.9157,
4.9627


 95.6695, 115.8240,
96.5301

 2.9013, 4.6863,
2.1670

122.5424,
146.7524, 124.9190

 1.1018, 2.0644,
0.6553

154.0280,
182.7480, 158.3906

 0.0266, 0.6445,
0.0000

190.4917,

 0.0000, 0.0000,

224.1952, 197.3632

0.0000

232.2988,
271.4783, 242.2555

■ 26.9979, 35.0937,
25.4295

■ 26.9979, 35.0937,
25.4295

■ 23.6879, 33.5040,
20.0507

■ 30.9217, 36.9810,
31.7825

■ 20.9580, 32.1925,
15.5958

■ 35.4851, 39.1751,
39.1522

■ 18.7758, 31.1445,
12.0136

■ 40.7160, 41.6906,
47.5811

■ 17.1041, 30.3422,
9.2468

■ 46.6397, 44.5396,
57.1088

■ 15.9016, 29.7657,
7.2314

■ 53.2801, 47.7337,
67.7728

■ 15.1203, 29.3917,
5.8938

■ 60.6601, 51.2839,
79.6089

■ 14.6970, 29.1896,
5.1455

■ 68.8016, 55.2007,
92.6513

■ 14.5844, 29.1354,
4.9642

■ 73.8536, 57.6071,
101.8345

Harmonies

Analogous

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



30.1090, 35.0937, 19.9332



26.9979, 35.0937, 25.4295



25.6087, 35.0937, 35.4329

Triad

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



26.9979, 35.0937, 25.4295



32.3708, 35.0937, 67.8311



41.7853, 35.0937, 29.3785

Complementary

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



26.9979, 35.0937, 25.4295



31.5124, 26.4828, 41.4826

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.



42.5256, 35.0937, 41.1308



26.9979, 35.0937, 25.4295



36.8274, 35.0937, 65.2068

Square

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



26.9979, 35.0937, 25.4295



28.5286, 35.0937, 61.2233



40.6402, 35.0937, 54.6864



38.6984, 35.0937, 21.8365

Rectangle

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



26.9979, 35.0937, 25.4295



25.7504, 35.0937, 44.0771



40.6402, 35.0937, 54.6864



42.3275, 35.0937, 32.8901

Sweetspot

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



26.9988, 35.0952, 25.4303



61.9700, 69.3982, 67.5684



34.9619, 39.2078, 25.4643



13.5411, 15.3422, 14.6186



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.9988, 35.0952, 25.4303



44.5209, 61.0099, 39.3228



28.6130, 35.7408, 33.9302



7.9114, 8.9421, 8.5587



10.9966, 21.9639, 3.7559



0.3082, 0.6119, 0.1165

Inverse Universe

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



31.5124, 26.4828, 41.4826



54.0764, 42.7752, 73.3057



29.5821, 25.7107, 31.3178



8.3293, 8.1450, 10.0448



17.9355, 8.6367, 28.3693



0.5013, 0.2412, 0.8016

Previews

White Background



This preview shows how the XYZ color 26.9979, 35.0937, 25.4295 looks on a white background.

Color Contrast Check

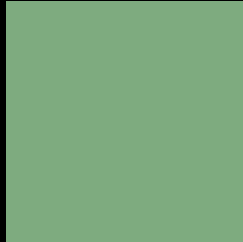
Large Text (above 18pt) WCAG AA × Fail

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 26.9979, 35.0937, 25.4295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

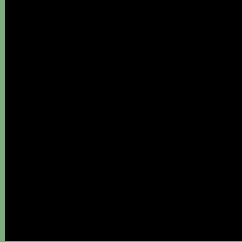
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.9979, 35.0937, 25.4295

Background



This preview shows how black text looks on a background with the XYZ color 26.9979, 35.0937, 25.4295.



This preview shows how white text looks on a background with the XYZ color 26.9979, 35.0937,

25.4295.

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

26.9979, 35.0937, 25.4295

Protanopia

32.4886, 34.7475, 23.4070

Deuteranopia

35.4956, 34.7354, 26.3065



Tritanopia

31.2029, 34.8761, 46.6822

Trichromacy



Original Color

26.9979, 35.0937, 25.4295

Protanomaly

30.0617, 34.5196, 24.1473

Deuteranomaly

31.9099, 34.6458, 26.1246

Tritanomaly

29.5924, 35.0462, 38.0058

Monochromacy



Original Color

26.9979, 35.0937, 25.4295

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

28.9325, 32.9949, 31.2293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9979, 35.0937, 25.4295 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(126, 171, 127)` looks like.

```
.text, #text, p{  
    color:rgb(126, 171, 127)  
}
```

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(126, 171, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 171, 127) }
```

Border

The CSS property to change the border of an element to XYZ 26.9979, 35.0937, 25.4295 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(126, 171, 127) }
```


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

```
.border{ border-color:rgb(126, 171, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 171, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 171, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 171, 127);  
box-shadow:4px 4px 4px 4px rgb(126, 171,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9979, 35.0937, 25.4295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 171, 127) }
```

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

```
.background{ background-color: rgb(126,  
171, 127) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor