

Converting Colors

XYZ(27.3183, 35.2033, 26.0900)

Have a look what the booklet for
XYZ(27.3183, 35.2033, 26.0900)
contains.

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Color

**XYZ(27.4274, 35.3000,
26.1369)**

Conversions

Conversions Part 1

Format	Color
Hex	80AB81
RGB	128, 171, 129
RGB Percent	50%, 67%, 51%
CMY	0.4980, 0.3294, 0.4941
CMYK	0.25, 0.00, 0.25, 0.33
HSL	121°, 20%, 59%
HSV	121°, 25%, 67%
XYZ	27.4274, 35.3000, 26.1369
YIQ	153.3550, -12.1460, -22.1780

Conversions

Conversions Part 2

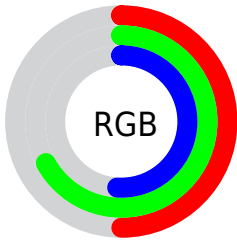
Format	Color
RYB	128, 170, 171
Decimal	8432513
CIELab	65.98, -22.96, 17.05
CIElCh	66, 28.598, 143.402
Yxy	35.3000, 0.3086, 0.3972
Android (android.graphics.Color)	4286622593 (0xFF80AB81)
YUV	153.3550, -12.0070, -22.2363
Hunter-Lab	59.4138, -21.5726, 15.5072

Details

The XYZ color **27.4274, 35.3000, 26.1369** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **31.7706, 26.9992, 41.5684**, and the grayscale version is **30.4882, 32.0760, 34.9308**.

A 20% lighter version of the original color is **55.2040, 68.2607, 54.5220**, and **11.1054, 15.3506, 9.9671** is the 20% darker color. If you saturate the color by 10%, you get **24.0479, 33.6768, 20.6496**, and if you desaturate by 10%, it is **31.4237, 37.2223, 32.6019**.

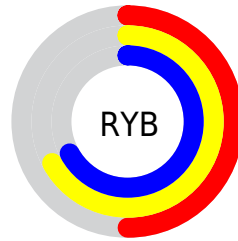
Distribution



Red (50%)

Green (67%)

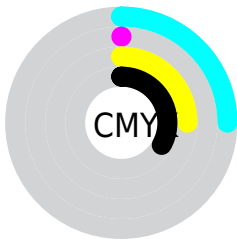
Blue (51%)



Red (50%)

Yellow (67%)

Blue (67%)

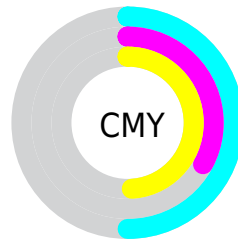


Cyan (25%)

Magenta (0%)

Yellow (25%)

Black (33%)



Cyan (50%)


Magenta (33%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4274, 35.3000, 26.1369 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 27.4274, 35.3000, 26.1369 by changing the saturation by 10% instead.


 27.4274, 35.3000,
26.1369


 27.4274, 35.3000,
26.1369


281.8506,
325.8905, 297.0803


 18.0327, 23.8941,
16.6994


 54.9840, 67.9503,
54.4825

 11.0733, 15.2551,
9.8607


 73.8766, 89.9634,
74.2277

 6.1838, 8.9986,
5.2023


 96.6660, 116.2810,
98.2459

 2.9989, 4.7403,
2.3056

123.7174,
147.2875, 126.9556

 1.1532, 2.0957,
0.7344

155.3962,
183.3673, 160.7753

 0.0689, 0.6622,
0.0000

192.0677,

 0.0000, 0.0000,

224.9048, 200.1236

0.0000

234.0974,
272.2844, 245.4191

■ 27.4274, 35.3000,
26.1369

■ 27.4274, 35.3000,
26.1369

■ 24.0479, 33.6768,
20.6496

■ 31.4237, 37.2223,
32.6019

■ 21.2520, 32.3335,
16.0902

■ 36.0626, 39.4528,
40.0865

■ 19.0074, 31.2555,
12.4082

■ 41.3715, 42.0060,
48.6328

■ 17.2778, 30.4254,
9.5472

■ 47.3755, 44.8939,
58.2801

■ 16.0221, 29.8233,
7.4444

■ 54.0986, 48.1280,
69.0655

■ 15.1936, 29.4267,
6.0278

■ 61.5635, 51.7193,
81.0245

■ 14.7344, 29.2075,
5.2116

■ 69.7917, 55.6782,
94.1909

■ 14.5854, 29.1360,
4.9694

■ 73.8536, 57.6072,
101.8345

Harmonies

Analogous

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



30.4191, 35.3000, 20.7546



27.4274, 35.3000, 26.1369



26.0926, 35.3000, 35.8168

Triad

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



27.4274, 35.3000, 26.1369



32.6242, 35.3000, 66.5807



41.5966, 35.3000, 29.8944

Complementary

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



27.4274, 35.3000, 26.1369



31.7706, 26.9992, 41.5684

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.



42.3116, 35.3000, 41.1793



27.4274, 35.3000, 26.1369



36.8921, 35.3000, 64.0679

Square

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



27.4274, 35.3000, 26.1369



28.9255, 35.3000, 60.3726



40.5256, 35.3000, 54.0901



38.6464, 35.3000, 22.5835

Rectangle

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



27.4274, 35.3000, 26.1369



26.2349, 35.3000, 44.1005



40.5256, 35.3000, 54.0901



42.1160, 35.3000, 33.2781

Sweetspot

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



27.4283, 35.3015, 26.1377



61.9723, 69.3991, 67.5803



35.0996, 39.2638, 26.1510



13.5417, 15.3424, 14.6216



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.



27.4283, 35.3015, 26.1377



45.7282, 61.5897, 41.3066



28.9884, 35.9255, 34.3531



7.9118, 8.9423, 8.5604



10.9975, 21.9643, 3.7605



0.3083, 0.6120, 0.1172

Inverse Universe

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



31.7706, 26.9992, 41.5684



54.8069, 44.2302, 73.5677



29.9223, 26.2599, 31.8356



8.3289, 8.1448, 10.0428



17.9230, 8.6317, 28.3036



0.5011, 0.2411, 0.8004

Previews

White Background



This preview shows how the XYZ color 27.4274, 35.3000, 26.1369 looks on a white background.

Color Contrast Check

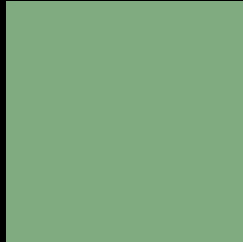
Large Text (above 18pt) WCAG AA × Fail

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 27.4274, 35.3000, 26.1369 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 27.4274, 35.3000, 26.1369

Background



This preview shows how black text looks on a background with the XYZ color 27.4274, 35.3000, 26.1369.



This preview shows how white text looks on a background with the XYZ color 27.4274, 35.3000,

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

27.4274, 35.3000, 26.1369

Protanopia

32.7865, 35.1429, 24.1240

Deuteranopia

35.7968, 35.1189, 27.0822



Tritanopia

31.8075, 35.4430, 47.2842

Trichromacy



Original Color

27.4274, 35.3000, 26.1369

Protanomaly

30.5589, 35.0258, 24.8887

Deuteranomaly

32.0455, 34.7001, 26.8386

Tritanomaly

29.9954, 35.2438, 38.4795

Monochromacy



Original Color

27.4274, 35.3000, 26.1369

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.1064, 33.0845, 31.2374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4274, 35.3000, 26.1369 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(128, 171, 129)` looks like.

```
.text, #text, p{  
    color:rgb(128, 171, 129)  
}
```

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(128, 171, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 171, 129) }
```

Border

The CSS property to change the border of an element to XYZ 27.4274, 35.3000, 26.1369 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(128, 171, 129) }
```


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

```
.border{ border-color:rgb(128, 171, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 171, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 171, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 171, 129);  
box-shadow:4px 4px 4px 4px rgb(128, 171,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4274, 35.3000, 26.1369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 171, 129) }
```

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

```
.background{ background-color: rgb(128,  
171, 129) }
```

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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