

Converting Colors

XYZ(27.3007, 35.3638, 26.8025)

Have a look what the booklet for
XYZ(27.3007, 35.3638, 26.8025)
contains.

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Color

**XYZ(27.4534, 35.5794,
26.8933)**

Conversions

Conversions Part 1

Format	Color
Hex	7EAC83
RGB	126, 172, 131
RGB Percent	49%, 67%, 51%
CMY	0.5059, 0.3255, 0.4863
CMYK	0.27, 0.00, 0.24, 0.33
HSL	127°, 22%, 58%
HSV	127°, 27%, 67%
XYZ	27.4534, 35.5794, 26.8933
YIQ	153.5720, -14.2550, -22.5030

Conversions

Conversions Part 2

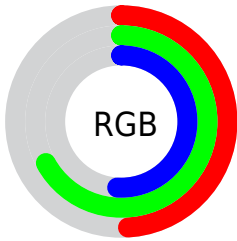
Format	Color
RYB	126, 167, 172
Decimal	8301699
CIELab	66.20, -23.79, 16.23
CIElCh	66, 28.798, 145.684
Yxy	35.5794, 0.3053, 0.3957
Android (android.graphics.Color)	4286491779 (0xFF7EAC83)
YUV	153.5720, -11.1280, -24.1806
Hunter-Lab	59.6485, -22.2296, 15.0223

Details

The XYZ color **27.4534, 35.5794, 26.8933** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **31.4503, 26.4830, 40.0146**, and the grayscale version is **30.5801, 32.1726, 35.0360**.

A 20% lighter version of the original color is **55.2175, 68.6508, 55.6881**, and **10.9837, 15.2836, 10.1557** is the 20% darker color. If you saturate the color by 10%, you get **24.1686, 33.9984, 21.7114**, and if you desaturate by 10%, it is **31.3299, 37.4498, 32.9070**.

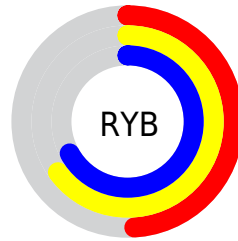
Distribution



Red (49%)

Green (67%)

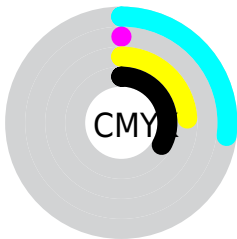
Blue (51%)



Red (49%)

Yellow (65%)

Blue (67%)

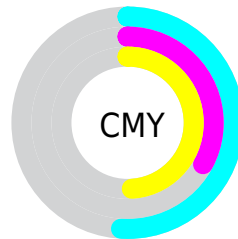


Cyan (27%)

Magenta (0%)

Yellow (24%)

Black (33%)



Cyan (51%)


Magenta (33%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4534, 35.5794, 26.8933 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 27.4534, 35.5794, 26.8933 by changing the saturation by 10% instead.


 27.4534, 35.5794,
26.8933


 27.4534, 35.5794,
26.8933


281.9734,
327.1184, 300.8839


 18.0524, 24.1095,
17.2614


 55.0253, 68.3824,
55.7143

 11.0875, 15.4149,
10.2571


 73.9270, 90.4843,
75.7404

 6.1935, 9.1111,
5.4619


 96.7262, 116.8990,
100.0683

 3.0048, 4.8137,
2.4573

123.7883,
148.0109, 129.1166

 1.1563, 2.1384,
0.8174

155.4788,
184.2044, 163.3037

 0.0715, 0.6861,
0.0000

192.1629,

 0.0000, 0.0000,

225.8639, 203.0483

0.0000

234.2060,
273.3738, 248.7689

■ 27.4534, 35.5794,
26.8933

■ 27.4534, 35.5794,
26.8933

■ 24.1686, 33.9984,
21.7114

■ 31.3299, 37.4498,
32.9070

■ 21.4438, 32.6880,
17.3224

■ 35.8224, 39.6182,
39.7844

■ 19.2482, 31.6343,
13.6880

■ 40.9572, 42.0985,
47.5585

■ 17.5474, 30.8204,
10.7656

■ 46.7581, 44.9024,
56.2599

■ 16.3024, 30.2272,
8.5084

■ 53.2479, 48.0410,
65.9179

■ 15.4685, 29.8329,
6.8641

■ 60.4483, 51.5248,
76.5604

■ 14.9850, 29.6073,
5.7722

■ 68.3798, 55.3639,
88.2141

■ 14.8682, 29.5525,
5.5233

■ 73.8259, 57.8996,
100.7532

■ 74.0433, 57.9865,
101.8978

Harmonies

Analogous

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



30.3676, 35.5794, 21.1168



27.4534, 35.5794, 26.8933



26.2430, 35.5794, 36.9899

Triad

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



27.4534, 35.5794, 26.8933



33.2004, 35.5794, 67.3828



41.8060, 35.5794, 29.3794

Complementary

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



27.4534, 35.5794, 26.8933



31.4503, 26.4830, 40.0146

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.



42.7242, 35.5794, 40.5443



27.4534, 35.5794, 26.8933



37.5185, 35.5794, 64.1577

Square

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



27.4534, 35.5794, 26.8933



29.3782, 35.5794, 61.7022



41.0954, 35.5794, 53.6368



38.6821, 35.5794, 22.3250

Rectangle

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



27.4534, 35.5794, 26.8933



26.4832, 35.5794, 45.4814



41.0954, 35.5794, 53.6368



42.3936, 35.5794, 32.6999

Sweetspot

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



27.4543, 35.5809, 26.8941



63.7759, 71.2864, 70.3309



34.5409, 39.2724, 25.4986



13.5890, 15.3614, 14.8712



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.



27.4543, 35.5809, 26.8941



46.2034, 62.8113, 43.1294



29.1572, 36.2620, 35.8611



7.9386, 8.9530, 8.7016



11.0745, 21.9951, 4.1661



0.3191, 0.6163, 0.1738

Inverse Universe

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



31.4503, 26.4830, 40.0146



54.6607, 43.5490, 70.8937



29.5398, 25.7188, 29.9542



8.2990, 8.1329, 9.8853



16.9703, 8.2507, 23.2868



0.4826, 0.2337, 0.7029

Previews

White Background



This preview shows how the XYZ color 27.4534, 35.5794, 26.8933 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 27.4534, 35.5794, 26.8933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

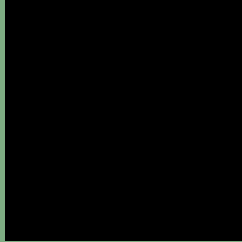
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.4534, 35.5794, 26.8933

Background



This preview shows how black text looks on a background with the XYZ color 27.4534, 35.5794, 26.8933.



This preview shows how white text looks on a background with the XYZ color 27.4534, 35.5794,

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

27.4534, 35.5794, 26.8933

Protanopia

33.0671, 35.2802, 24.4690

Deuteranopia

35.9364, 35.1748, 27.8170



Tritanopia

31.7646, 35.6780, 47.8602

Trichromacy



Original Color

27.4534, 35.5794, 26.8933

Protanomaly

30.6238, 35.0518, 25.2303

Deuteranomaly

32.3578, 35.1035, 27.6245

Tritanomaly

30.0399, 35.5194, 39.4551

Monochromacy



Original Color

27.4534, 35.5794, 26.8933

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.4348, 33.4944, 32.1078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4534, 35.5794, 26.8933 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, 172, 131)` looks like.

```
.text, #text, p{  
    color:rgb(126, 172, 131)  
}
```

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, 172, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 172, 131) }
```

Border

The CSS property to change the border of an element to XYZ 27.4534, 35.5794, 26.8933 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, 172, 131) }
```


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

```
.border{ border-color:rgb(126, 172, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 172, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 172, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 172, 131);  
box-shadow:4px 4px 4px 4px rgb(126, 172,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4534, 35.5794, 26.8933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 172, 131) }
```

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

```
.background{ background-color: rgb(126,  
172, 131) }
```

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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