

Converting Colors

XYZ(26.9044, 35.7123, 22.8957)

Have a look what the booklet for
XYZ(26.9044, 35.7123, 22.8957)
contains.

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Color

**XYZ(26.8775, 35.6547,
22.9182)**

Conversions

Conversions Part 1

Format	Color
Hex	7EAD77
RGB	126, 173, 119
RGB Percent	49%, 68%, 47%
CMY	0.5059, 0.3216, 0.5333
CMYK	0.27, 0.00, 0.31, 0.32
HSL	112°, 25%, 57%
HSV	112°, 31%, 68%
XYZ	26.8775, 35.6547, 22.9182
YIQ	152.7910, -10.6780, -26.7580

Conversions

Conversions Part 2

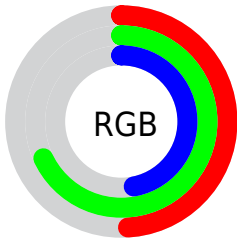
Format	Color
RYB	119, 173, 166
Decimal	8301943
CIELab	66.26, -26.36, 22.85
CIElCh	66, 34.887, 139.083
Yxy	35.6547, 0.3145, 0.4173
Android (android.graphics.Color)	4286492023 (0xFF7EAD77)
YUV	152.7910, -16.6590, -23.4957
Hunter-Lab	59.7116, -24.1484, 19.0417

Details

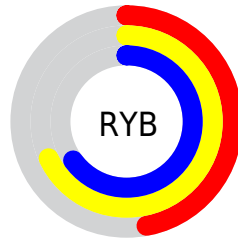
The XYZ color **26.8775, 35.6547, 22.9182** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **29.8672, 24.3189, 42.6570**, and the grayscale version is **30.2616, 31.8375, 34.6711**.

A 20% lighter version of the original color is **54.2881, 68.7205, 49.4328**, and **10.7236, 15.3710, 8.1961** is the 20% darker color. If you saturate the color by 10%, you get **23.8761, 34.2178, 17.8391**, and if you desaturate by 10%, it is **30.4042, 37.3427, 29.0106**.

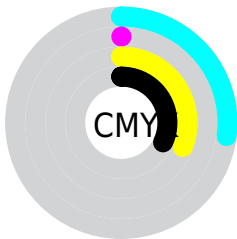
Distribution



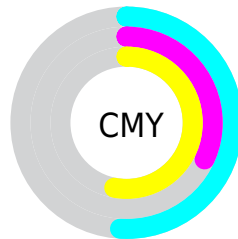
- Red (49%)
- Green (68%)
- Blue (47%)



- Red (47%)
- Yellow (68%)
- Blue (65%)



- Cyan (27%)
- Magenta (0%)
- Yellow (31%)
- Black (32%)



- Cyan (51%)
- Magenta (32%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8775, 35.6547, 22.9182 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 26.8775, 35.6547, 22.9182 by changing the saturation by 10% instead.

■ 26.8775, 35.6547,
22.9182

■ 26.8775, 35.6547,
22.9182

279.2419,
327.4488, 280.4129

■ 17.6174, 24.1676,
14.3284

■ 54.1085, 68.4988,
49.1805

■ 10.7736, 15.4580,
8.2081

■ 72.8101, 90.6246,
67.6900

■ 5.9810, 9.1415,
4.1387

■ 95.3895, 117.0654,
90.3432

■ 2.8741, 4.8336,
1.7017

122.2121,
148.2056, 117.5586

■ 1.0875, 2.1499,
0.3619

153.6433,
184.4297, 149.7547

■ 0.0146, 0.6925,
0.0000

190.0485,

■ 0.0000, 0.0000,

226.1220, 187.3501

0.0000

231.7929,
273.6669, 230.7633

■ 26.8775, 35.6547,
22.9182

■ 26.8775, 35.6547,
22.9182

■ 23.8761, 34.2178,
17.8391

■ 30.4042, 37.3427,
29.0106

■ 21.3720, 33.0155,
13.7163

■ 34.4769, 39.2881,
36.1648

■ 19.3389, 32.0367,
10.4905


■ 39.1185, 41.5028,
44.4286

■ 17.7468, 31.2674,
8.0949


■ 44.3498, 43.9966,
53.8466


■ 16.5625, 30.6919,
6.4536


■ 50.1905, 46.7787,
64.4607

 15.7474, 30.2925,
5.4765

 56.6596, 49.8581,
76.3108

 15.2846, 30.0640,
4.9974

 63.7749, 53.2430,
89.4350

 71.1642, 56.7859,
101.8178

 74.2343, 58.3686,
101.9614

Harmonies

Analogous

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



30.7222, 35.6547, 17.5531



26.8775, 35.6547, 22.9182



24.9845, 35.6547, 33.6448

Triad

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



26.8775, 35.6547, 22.9182



32.0292, 35.6547, 74.2952



44.2490, 35.6547, 30.1884

Complementary

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



26.8775, 35.6547, 22.9182



29.8672, 24.3189, 42.6570

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.



44.6910, 35.6547, 44.5045



26.8775, 35.6547, 22.9182



37.2656, 35.6547, 72.6794

Square

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



26.8775, 35.6547, 22.9182



27.7498, 35.6547, 64.7451



42.0241, 35.6547, 60.7722



40.8721, 35.6547, 20.9474

Rectangle

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



26.8775, 35.6547, 22.9182



24.9392, 35.6547, 43.5226



42.0241, 35.6547, 60.7722



44.7579, 35.6547, 34.4725

Sweetspot

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



26.8784, 35.6562, 22.9190



63.3691, 71.1357, 67.6458



34.1648, 37.4177, 22.8749



13.5278, 15.3431, 14.2691



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.



26.8784, 35.6562, 22.9190



44.5724, 62.1489, 34.9914



27.1981, 35.6690, 29.8018



7.9974, 8.9873, 8.5266



11.2567, 22.1001, 3.6725



0.3426, 0.6300, 0.1035

Inverse Universe

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



29.8672, 24.3189, 42.6570



50.7152, 38.8052, 75.6229



29.5980, 24.3854, 33.3719



8.2334, 8.0947, 10.0812



14.8939, 7.0380, 29.6180



0.4422, 0.2101, 0.8252

Previews

White Background



This preview shows how the XYZ color 26.8775, 35.6547, 22.9182 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 26.8775, 35.6547, 22.9182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

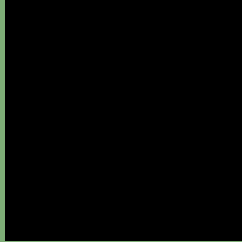
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.8775, 35.6547, 22.9182

Background



This preview shows how black text looks on a background with the XYZ color 26.8775, 35.6547, 22.9182.



This preview shows how white text looks on a background with the XYZ color 26.8775, 35.6547,

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

26.8775, 35.6547, 22.9182

Protanopia

32.8416, 35.2408, 20.9908

Deuteranopia

35.8698, 35.2326, 23.6489



Tritanopia

31.7452, 35.3992, 47.8074

Trichromacy



Original Color

26.8775, 35.6547, 22.9182

Protanomaly

30.3178, 35.2391, 21.7269

Deuteranomaly

31.7748, 34.8942, 23.4729

Tritanomaly

29.6042, 35.3451, 37.1603

Monochromacy



Original Color

26.8775, 35.6547, 22.9182

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

28.7062, 32.9043, 30.0375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8775, 35.6547, 22.9182 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, 173, 119)` looks like.

```
.text, #text, p{  
    color:rgb(126, 173, 119)  
}
```

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, 173, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 173, 119) }
```

Border

The CSS property to change the border of an element to XYZ 26.8775, 35.6547, 22.9182 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, 173, 119) }
```


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

```
.border{ border-color:rgb(126, 173, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 173, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 173, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 173, 119);  
box-shadow:4px 4px 4px 4px rgb(126, 173,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8775, 35.6547, 22.9182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 173, 119) }
```

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

```
.background{ background-color: rgb(126,  
173, 119) }
```

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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