

Converting Colors

XYZ(26.6314, 35.6990, 22.5732)

Have a look what the booklet for
XYZ(26.6314, 35.6990, 22.5732)
contains.

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Color

**XYZ(26.7182, 35.8652,
22.6540)**

Conversions

Conversions Part 1

Format	Color
Hex	7CAE76
RGB	124, 174, 118
RGB Percent	49%, 68%, 46%
CMY	0.5137, 0.3176, 0.5372
CMYK	0.29, 0.00, 0.32, 0.32
HSL	114°, 26%, 57%
HSV	114°, 32%, 68%
XYZ	26.7182, 35.8652, 22.6540
YIQ	152.6660, -11.8240, -28.0160

Conversions

Conversions Part 2

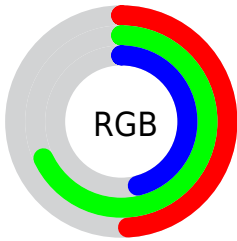
Format	Color
RYB	118, 174, 168
Decimal	8171126
CIELab	66.42, -27.71, 23.59
CIELCh	66, 36.388, 139.594
Yxy	35.8652, 0.3135, 0.4208
Android (android.graphics.Color)	4286361206 (0xFF7CAE76)
YUV	152.6660, -17.0903, -25.1401
Hunter-Lab	59.8876, -25.1674, 19.4933

Details

The XYZ color **26.7182, 35.8652, 22.6540** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **30.2685, 24.3388, 43.1489**, and the grayscale version is **30.2094, 31.7826, 34.6113**.

A 20% lighter version of the original color is **54.0076, 68.9989, 48.9997**, and **10.6592, 15.5209, 8.0643** is the 20% darker color. If you saturate the color by 10%, you get **23.7072, 34.4227, 17.6045**, and if you desaturate by 10%, it is **30.2757, 37.5695, 28.7263**.

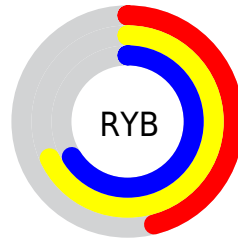
Distribution



Red (49%)

Green (68%)

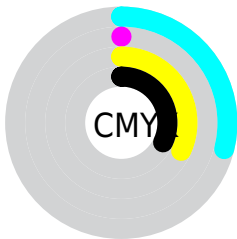
Blue (46%)



Red (46%)

Yellow (68%)

Blue (66%)

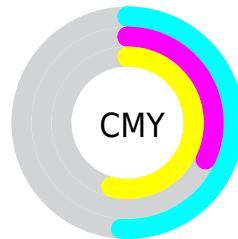


Cyan (29%)

Magenta (0%)

Yellow (32%)

Black (32%)



Cyan (51%)

Magenta (32%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7182, 35.8652, 22.6540 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 26.7182, 35.8652, 22.6540 by changing the saturation by 10% instead.

■ 26.7182, 35.8652,
22.6540

■ 26.7182, 35.8652,
22.6540

278.4826,
328.3710, 279.0069

■ 17.4972, 24.3301,
14.1353

■ 53.8544, 68.8240,
48.7405

■ 10.6871, 15.5787,
8.0750

■ 72.5003, 91.0164,
67.1455

■ 5.9226, 9.2265,
4.0545

■ 95.0186, 117.5301,
89.6830

■ 2.8383, 4.8892,
1.6553

121.7746,
148.7494, 116.7715

■ 1.0688, 2.1824,
0.3298

153.1336,
185.0588, 148.8296

■ 0.0000, 0.7104,
0.0000

189.4610,

■ 0.0000, 0.0000,

226.8426, 186.2759

0.0000

231.1223,
274.4852, 229.5288

■ 26.7182, 35.8652,
22.6540

■ 26.7182, 35.8652,
22.6540

■ 23.7072, 34.4227,
17.6045

■ 30.2757, 37.5695,
28.7263

■ 21.2127, 33.2246,
13.5193

■ 34.4019, 39.5428,
35.8709

■ 19.2065, 32.2586,
10.3377


■ 39.1214, 41.7977,
44.1367


■ 17.6561, 31.5097,
7.9912


■ 44.4565, 44.3448,
53.5693


■ 16.5252, 30.9607,
6.4014


■ 50.4281, 47.1939,
64.2114

 15.7719, 30.5921,
5.4750

 57.0564, 50.3546,
76.1037

 15.3983, 30.4084,
5.0578

 64.3606, 53.8359,
89.2850

 72.0021, 57.5036,
101.9121

 74.4268, 58.7536,
102.0256

Harmonies

Analogous

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



30.6952, 35.8652, 17.0580



26.7182, 35.8652, 22.6540



24.7889, 35.8652, 33.8789

Triad

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



26.7182, 35.8652, 22.6540



32.2314, 35.8652, 76.6139



44.9405, 35.8652, 29.8298

Complementary

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



26.7182, 35.8652, 22.6540



30.2685, 24.3388, 43.1489

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.



45.4646, 35.8652, 44.7246



26.7182, 35.8652, 22.6540



37.7237, 35.8652, 74.6812

Square

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



26.7182, 35.8652, 22.6540



27.7395, 35.8652, 66.6395



42.7037, 35.8652, 61.9041



41.3398, 35.8652, 20.3718

Rectangle

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



26.7182, 35.8652, 22.6540



24.7681, 35.8652, 44.2674



42.7037, 35.8652, 61.9041



45.4959, 35.8652, 34.2616

Sweetspot

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



26.7191, 35.8667, 22.6548



64.0296, 72.5029, 67.9070



34.6315, 38.1172, 22.6721



13.9814, 15.9952, 14.6573



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.7191, 35.8667, 22.6548



44.2731, 63.0470, 34.0478



27.3028, 36.0031, 30.1165



7.9812, 8.9789, 8.5258



11.1940, 22.0678, 3.6695



0.3362, 0.6267, 0.1032

Inverse Universe

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



30.2685, 24.3388, 43.1489



51.7649, 38.6704, 77.3727



29.6466, 24.2410, 33.0530



8.2513, 8.1039, 10.0820



15.4263, 7.3124, 29.6429



0.4528, 0.2156, 0.8257

Previews

White Background



This preview shows how the XYZ color 26.7182, 35.8652, 22.6540 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 26.7182, 35.8652, 22.6540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

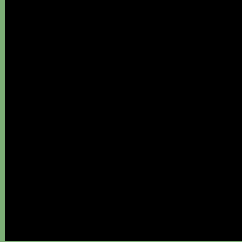
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.7182, 35.8652, 22.6540

Background



This preview shows how black text looks on a background with the XYZ color 26.7182, 35.8652, 22.6540.



This preview shows how white text looks on a background with the XYZ color 26.7182, 35.8652,

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

26.7182, 35.8652, 22.6540

Protanopia

33.1251, 35.6583, 20.4661

Deuteranopia

36.0547, 35.3352, 23.3324



Tritanopia

31.8661, 35.7186, 48.3949

Trichromacy



Original Color

26.7182, 35.8652, 22.6540

Protanomaly

30.3838, 35.5553, 21.1810

Deuteranomaly

31.7131, 34.8695, 23.1482

Tritanomaly

29.6338, 35.6355, 37.2148

Monochromacy



Original Color

26.7182, 35.8652, 22.6540

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

28.6338, 33.1340, 29.6973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7182, 35.8652, 22.6540 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(124, 174, 118)` looks like.

```
.text, #text, p{  
    color:rgb(124, 174, 118)  
}
```

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(124, 174, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 174, 118) }
```

Border

The CSS property to change the border of an element to XYZ 26.7182, 35.8652, 22.6540 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(124, 174, 118) }
```


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

```
.border{ border-color:rgb(124, 174, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 174, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 174, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 174, 118);  
box-shadow:4px 4px 4px 4px rgb(124, 174,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7182, 35.8652, 22.6540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 174, 118) }
```

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

```
.background{ background-color: rgb(124,  
174, 118) }
```

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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