

Converting Colors

XYZ(26.5788, 35.3062, 26.3268)

Have a look what the booklet for
XYZ(26.5788, 35.3062, 26.3268)
contains.

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Color

**XYZ(26.6517, 35.4652,
26.2096)**

Conversions

Conversions Part 1

Format	Color
Hex	78AD81
RGB	120, 173, 129
RGB Percent	47%, 68%, 51%
CMY	0.5294, 0.3216, 0.4941
CMYK	0.31, 0.00, 0.25, 0.32
HSL	130°, 24%, 57%
HSV	130°, 31%, 68%
XYZ	26.6517, 35.4652, 26.2096
YIQ	152.1370, -17.4640, -24.9200

Conversions

Conversions Part 2

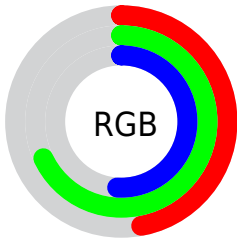
Format	Color
RYB	120, 165, 173
Decimal	7908737
CIELab	66.11, -26.65, 17.16
CIELCh	66, 31.698, 147.234
Yxy	35.4652, 0.3017, 0.4015
Android (android.graphics.Color)	4286098817 (0xFF78AD81)
YUV	152.1370, -11.4065, -28.1841
Hunter-Lab	59.5527, -24.3328, 15.5929

Details

The XYZ color **26.6517, 35.4652, 26.2096** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **30.6520, 24.9982, 38.3329**, and the grayscale version is **29.9580, 31.5182, 34.3233**.

A 20% lighter version of the original color is **53.9184, 68.4147, 54.6195**, and **10.6187, 15.2773, 9.9786** is the 20% darker color. If you saturate the color by 10%, you get **23.5772, 33.9839, 21.4278**, and if you desaturate by 10%, it is **30.2958, 37.2266, 31.7201**.

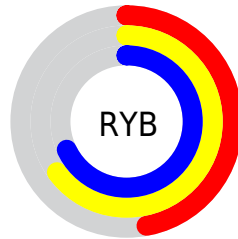
Distribution



Red (47%)

Green (68%)

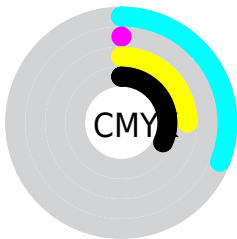
Blue (51%)



Red (47%)

Yellow (65%)

Blue (68%)

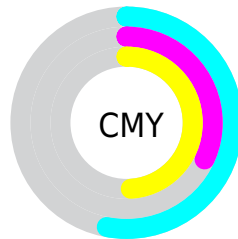


Cyan (31%)

Magenta (0%)

Yellow (25%)

Black (32%)



Cyan (53%)

Magenta (32%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6517, 35.4652, 26.2096 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 26.6517, 35.4652, 26.2096 by changing the saturation by 10% instead.


 26.6517, 35.4652,
26.2096


 26.6517, 35.4652,
26.2096


278.1651,
326.6170, 297.4476


 17.4470, 24.0214,
16.7533


 53.7483, 68.2058,
54.6011

 10.6510, 15.3495,
9.8987


 72.3709, 90.2715,
74.3735

 5.8982, 9.0651,
5.2271


 94.8636, 116.6465,
98.4216

 2.8234, 4.7836,
2.3201

121.5917,
147.7154, 127.1640

 1.0611, 2.1209,
0.7424

152.9206,
183.8625, 161.0193

 0.0000, 0.6763,
0.0000

189.2155,

 0.0000, 0.0000,

225.4722, 200.4059

0.0000

230.8419,
272.9289, 245.7425

■ 26.6517, 35.4652,
26.2096

■ 26.6517, 35.4652,
26.2096

■ 23.5772, 33.9839,
21.4278

■ 30.2958, 37.2266,
31.7201

■ 21.0407, 32.7641,
17.3420

■ 34.5335, 39.2769,
37.9855

■ 19.0114, 31.7916,
13.9203


■ 39.3909, 41.6301,
45.0338


■ 17.4545, 31.0492,
11.1276


■ 44.8917, 44.2976,
52.8906


■ 16.3308, 30.5175,
8.9254


■ 51.0583, 47.2907,
61.5805

 15.5942, 30.1736,
7.2710

 57.9121, 50.6197,
71.1271

 15.1708, 29.9792,
6.1741

 65.4734, 54.2948,
81.5529

 72.4984, 57.6742,
92.8205

 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.



29.7313, 35.4652, 19.8389



26.6517, 35.4652, 26.2096



25.4471, 35.4652, 37.3774

Triad

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



26.6517, 35.4652, 26.2096



33.2734, 35.4652, 70.7510



42.4201, 35.4652, 27.9199

Complementary

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



26.6517, 35.4652, 26.2096



30.6520, 24.9982, 38.3329

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.



43.5887, 35.4652, 39.8808



26.6517, 35.4652, 26.2096



38.0256, 35.4652, 66.5756

Square

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



26.6517, 35.4652, 26.2096



29.0406, 35.4652, 64.7921



41.9127, 35.4652, 54.4239



38.8519, 35.4652, 20.6527

Rectangle

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



26.6517, 35.4652, 26.2096



25.7769, 35.4652, 46.8219



41.9127, 35.4652, 54.4239



43.1202, 35.4652, 31.4290

Sweetspot

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



26.6526, 35.4667, 26.2104



63.0612, 70.9288, 69.8054



33.6794, 39.1552, 23.5521



13.4521, 15.2922, 14.8011



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.



26.6526, 35.4667, 26.2104



43.7672, 61.6044, 40.8024



28.6348, 36.2595, 36.6481



7.9579, 8.9607, 8.8035



11.1597, 22.0292, 4.6149



0.3268, 0.6193, 0.2142

Inverse Universe

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



30.6520, 24.9982, 38.3329



52.1148, 39.7391, 66.0929



28.5144, 24.1431, 27.0763



8.2778, 8.1244, 9.7737



16.3560, 8.0049, 20.0520



0.4702, 0.2288, 0.6378

Previews

White Background



This preview shows how the XYZ color 26.6517, 35.4652, 26.2096 looks on a white background.

Color Contrast Check

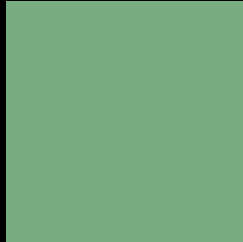
Large Text (above 18pt) WCAG AA × Fail

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 26.6517, 35.4652, 26.2096 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 26.6517, 35.4652, 26.2096

Background



This preview shows how black text looks on a background with the XYZ color 26.6517, 35.4652, 26.2096.



This preview shows how white text looks on a background with the XYZ color 26.6517, 35.4652,

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

26.6517, 35.4652, 26.2096

Protanopia

32.9405, 35.2296, 23.8027

Deuteranopia

35.7968, 35.1189, 27.0822



Tritanopia

31.0804, 35.3136, 48.3581

Trichromacy



Original Color

26.6517, 35.4652, 26.2096

Protanomaly

30.1057, 35.0663, 24.5838

Deuteranomaly

31.6077, 34.7327, 26.8680

Tritanomaly

29.2252, 35.3848, 39.0078

Monochromacy



Original Color

26.6517, 35.4652, 26.2096

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.4201, 32.7307, 31.2053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6517, 35.4652, 26.2096 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(120, 173, 129)` looks like.

```
.text, #text, p{  
    color:rgb(120, 173, 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(120, 173, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 173, 129) }
```

Border

The CSS property to change the border of an element to XYZ 26.6517, 35.4652, 26.2096 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(120, 173, 129) }
```


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

```
.border{ border-color:rgb(120, 173, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 173, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 173, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 173, 129);  
box-shadow:4px 4px 4px 4px rgb(120, 173,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6517, 35.4652, 26.2096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 173, 129) }
```

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

```
.background{ background-color: rgb(120,  
173, 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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