

Converting Colors

XYZ(26.5634, 32.3267, 25.7241)

Have a look what the booklet for
XYZ(26.5634, 32.3267, 25.7241)
contains.

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Color

**XYZ(26.5556, 32.4122,
25.6254)**

Conversions

Conversions Part 1

Format	Color
Hex	85A281
RGB	133, 162, 129
RGB Percent	52%, 64%, 51%
CMY	0.4784, 0.3647, 0.4941
CMYK	0.18, 0.00, 0.20, 0.36
HSL	113°, 15%, 57%
HSV	113°, 20%, 64%
XYZ	26.5556, 32.4122, 25.6254
YIQ	149.5670, -6.6910, -16.4110

Conversions

Conversions Part 2

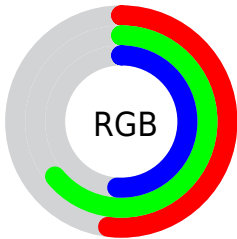
Format	Color
RYB	129, 162, 158
Decimal	8757889
CIELab	63.68, -16.59, 13.90
CIELCh	64, 21.642, 140.032
Yxy	32.4122, 0.3139, 0.3832
Android (android.graphics.Color)	4286947969 (0xFF85A281)
YUV	149.5670, -10.1395, -14.5293
Hunter-Lab	56.9317, -16.3698, 13.1653

Details

The XYZ color **26.5556, 32.4122, 25.6254** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.4738, 25.5792, 37.6207**, and the grayscale version is **28.8503, 30.3528, 33.0542**.

A 20% lighter version of the original color is **53.5061, 63.4422, 53.6815**, and **10.5912, 13.5700, 9.6505** is the 20% darker color. If you saturate the color by 10%, you get **23.4657, 30.9350, 20.2984**, and if you desaturate by 10%, it is **30.1227, 34.1176, 31.8674**.

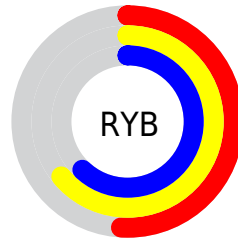
Distribution



Red (52%)

Green (64%)

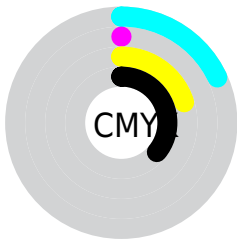
Blue (51%)



Red (51%)

Yellow (64%)

Blue (62%)

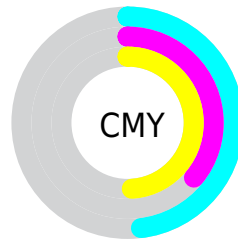


Cyan (18%)

Magenta (0%)

Yellow (20%)

Black (36%)



Cyan (48%)

Magenta (36%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5556, 32.4122, 25.6254 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 26.5556, 32.4122, 25.6254 by changing the saturation by 10% instead.

■ 26.5556, 32.4122,
25.6254

■ 26.5556, 32.4122,
25.6254

277.7059,
312.9927, 294.4851

■ 17.3746, 21.6765,
16.3204

■ 53.5949, 63.4567,
53.6466

■ 10.5989, 13.6194,
9.5943

■ 72.1838, 84.5344,
73.1999

■ 5.8631, 7.8564,
5.0288

■ 94.6395, 109.8282,
97.0064

■ 2.8019, 4.0032,
2.2051

121.3272,
139.7225, 125.4846

■ 1.0499, 1.6754,
0.6773

152.6124,
174.6017, 159.0530

■ 0.0000, 0.4076,
0.0000

188.8603,

■ 0.0000, 0.0000,

214.8502, 198.1302

0.0000

230.4364,
260.8524, 243.1347

■ 26.5556, 32.4122,
25.6254

■ 26.5556, 32.4122,
25.6254

■ 23.4657, 30.9350,
20.2984

■ 30.1227, 34.1176,
31.8674

■ 20.8302, 29.6722,
15.8413

■ 34.1834, 36.0559,
39.0622

■ 18.6284, 28.6153,
12.2087

■ 38.7565, 38.2370,
47.2483

■ 16.8367, 27.7530,
9.3498

■ 43.8591, 40.6688,
56.4612

■ 15.4294, 27.0735,
7.2087

■ 49.5073, 43.3591,
66.7347

■ 14.3780, 26.5633,
5.7217

■ 55.7169, 46.3151,
78.1012

■ 13.6497, 26.2072,
4.8137

■ 62.5026, 49.5438,
90.5915

■ 13.2020, 25.9869,
4.3202

■ 69.2930, 52.8177,
101.1504

■ 72.2110, 54.3220,
101.2870

Harmonies

Analogous

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



28.8547, 32.4122, 21.8266



26.5556, 32.4122, 25.6254



25.4197, 32.4122, 32.4825

Triad

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



26.5556, 32.4122, 25.6254



29.8098, 32.4122, 54.3987



36.6084, 32.4122, 29.8809

Complementary

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



26.5556, 32.4122, 25.6254



28.4738, 25.5792, 37.6207

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.



36.9059, 32.4122, 38.2577



26.5556, 32.4122, 25.6254



32.8451, 32.4122, 53.3943

Square

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



26.5556, 32.4122, 25.6254



27.2153, 32.4122, 49.6793



35.4891, 32.4122, 47.1256



34.7011, 32.4122, 23.9900

Rectangle

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



26.5556, 32.4122, 25.6254



25.4207, 32.4122, 38.2773



35.4891, 32.4122, 47.1256



36.9046, 32.4122, 32.4649

Sweetspot

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



26.5565, 32.4136, 25.6261



57.7097, 63.3803, 63.1950



31.0229, 33.5854, 25.6169



12.8615, 14.1873, 14.0166



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.5565, 32.4136, 25.6261



45.8145, 57.6967, 42.3726



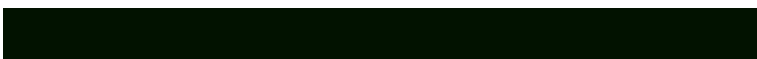
26.7898, 32.4354, 30.0879



7.0616, 7.9343, 7.5394



10.4212, 20.4828, 3.4043



0.2410, 0.4417, 0.0726

Inverse Universe

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



28.4738, 25.5792, 37.6207



49.8725, 43.2242, 67.7707



28.2487, 25.5815, 32.2620



7.2795, 7.1584, 8.9011



14.0005, 6.6240, 27.4704



0.3163, 0.1506, 0.5783

Previews

White Background



This preview shows how the XYZ color 26.5556, 32.4122, 25.6254 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 26.5556, 32.4122, 25.6254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

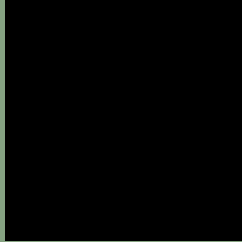
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.5556, 32.4122, 25.6254

Background



This preview shows how black text looks on a background with the XYZ color 26.5556, 32.4122, 25.6254.



This preview shows how white text looks on a background with the XYZ color 26.5556, 32.4122,

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

26.5556, 32.4122, 25.6254

Protanopia

30.3615, 32.3784, 24.0515

Deuteranopia

32.8862, 32.1929, 26.3103



Tritanopia

30.0336, 32.5540, 42.2367

Trichromacy



Original Color

26.5556, 32.4122, 25.6254

Protanomaly

28.7718, 32.2957, 24.4559

Deuteranomaly

30.1859, 31.9982, 26.0580

Tritanomaly

28.5474, 32.4477, 35.3303

Monochromacy



Original Color

26.5556, 32.4122, 25.6254

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.9397, 30.9935, 30.1009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5556, 32.4122, 25.6254 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(133, 162, 129)` looks like.

```
.text, #text, p{  
    color:rgb(133, 162, 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(133, 162, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 162, 129) }
```

Border

The CSS property to change the border of an element to XYZ 26.5556, 32.4122, 25.6254 is called "border". The border property can be set on classes, ids or directly on the HTML element.

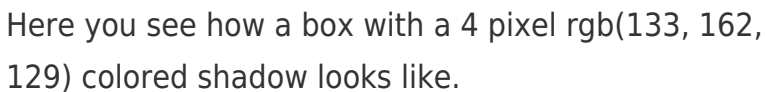
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(133, 162, 129) }
```


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

```
.border{ border-color:rgb(133, 162, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(133, 162, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(133, 162, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(133, 162, 129); box-shadow:4px 4px 4px 4px rgb(133, 162, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5556, 32.4122, 25.6254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 162, 129) }
```

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

```
.background{ background-color: rgb(133,  
162, 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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