

Converting Colors

XYZ(26.7683, 32.8017, 25.7276)

Have a look what the booklet for
XYZ(26.7683, 32.8017, 25.7276)
contains.

XYZ(26.7325, 32.7659, 25.6844)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.7325, 32.7659,
25.6844)**

Conversions

Conversions Part 1

Format	Color
Hex	85A381
RGB	133, 163, 129
RGB Percent	52%, 64%, 51%
CMY	0.4784, 0.3608, 0.4941
CMYK	0.18, 0.00, 0.21, 0.36
HSL	113°, 16%, 57%
HSV	113°, 21%, 64%
XYZ	26.7325, 32.7659, 25.6844
YIQ	150.1540, -6.9660, -16.9340

Conversions

Conversions Part 2

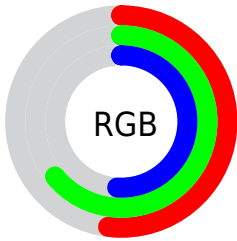
Format	Color
RYB	129, 163, 159
Decimal	8758145
CIELab	63.97, -17.11, 14.31
CIELCh	64, 22.300, 140.098
Yxy	32.7659, 0.3138, 0.3847
Android (android.graphics.Color)	4286948225 (0xFF85A381)
YUV	150.1540, -10.4289, -15.0441
Hunter-Lab	57.2415, -16.8109, 13.4655

Details

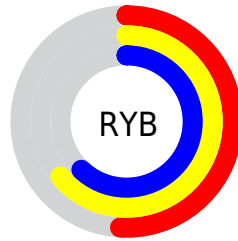
The XYZ color **26.7325, 32.7659, 25.6844** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.7606, 25.7168, 38.1000**, and the grayscale version is **29.1005, 30.6160, 33.3408**.

A 20% lighter version of the original color is **54.0084, 64.0850, 53.7791**, and **10.6997, 13.7871, 9.6867** is the 20% darker color. If you saturate the color by 10%, you get **23.6170, 31.2761, 20.3269**, and if you desaturate by 10%, it is **30.3336, 34.4879, 31.9683**.

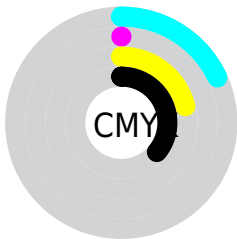
Distribution



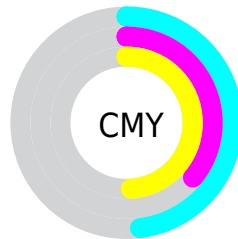
- Red (52%)
- Green (64%)
- Blue (51%)



- Red (51%)
- Yellow (64%)
- Blue (62%)



- Cyan (18%)
- Magenta (0%)
- Yellow (21%)
- Black (36%)



- Cyan (48%)
- Magenta (36%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7325, 32.7659, 25.6844 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 26.7325, 32.7659, 25.6844 by changing the saturation by 10% instead.

■ 26.7325, 32.7659,
25.6844

■ 26.7325, 32.7659,
25.6844

278.5508,
314.5935, 294.7854

■ 17.5080, 21.9472,
16.3640

■ 53.8772, 64.0099,
53.7432

■ 10.6949, 13.8181,
9.6250

■ 72.5282, 85.2039,
73.3187

■ 5.9278, 7.9943,
5.0487

■ 95.0519, 110.6251,
97.1497

■ 2.8415, 4.0913,
2.2166

121.8139,
140.6580, 125.6546

■ 1.0705, 1.7247,
0.6839

153.1794,
175.6869, 159.2522

■ 0.0002, 0.4396,
0.0000

189.5138,

■ 0.0000, 0.0000,

216.0962, 198.3608

0.0000

231.1825,
262.2703, 243.3990

■ 26.7325, 32.7659,
25.6844

■ 26.7325, 32.7659,
25.6844

■ 23.6170, 31.2761,
20.3269

■ 30.3336, 34.4879,
31.9683

■ 20.9638, 30.0047,
15.8499

■ 34.4371, 36.4472,
39.2173

■ 18.7515, 28.9426,
12.2070

■ 39.0624, 38.6537,
47.4703

■ 16.9560, 28.0784,
9.3467

■ 44.2269, 41.1158,
56.7636

■ 15.5508, 27.3998,
7.2115

■ 49.9473, 43.8412,
67.1317

■ 14.5064, 26.8929,
5.7364

■ 56.2395, 46.8375,
78.6074

■ 13.7890, 26.5421,
4.8446

■ 63.1188, 50.1118,
91.2222

■ 13.3698, 26.3359,
4.3787

■ 69.8826, 53.3842,
101.2287

■ 72.3878, 54.6757,
101.3459

Harmonies

Analogous

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



29.1119, 32.7659, 21.7642



26.7325, 32.7659, 25.6844



25.5602, 32.7659, 32.7816

Triad

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



26.7325, 32.7659, 25.6844



30.1151, 32.7659, 55.5903



37.1711, 32.7659, 30.0527

Complementary

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



26.7325, 32.7659, 25.6844



28.7606, 25.7168, 38.1000

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.



37.4848, 32.7659, 38.7369



26.7325, 32.7659, 25.6844



33.2665, 32.7659, 54.5270

Square

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



26.7325, 32.7659, 25.6844



27.4244, 32.7659, 50.6718



36.0138, 32.7659, 47.9727



35.1835, 32.7659, 23.9765

Rectangle

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



26.7325, 32.7659, 25.6844



25.5633, 32.7659, 38.7983



36.0138, 32.7659, 47.9727



37.4807, 32.7659, 32.7268

Sweetspot

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



26.7334, 32.7673, 25.6851



57.6975, 63.3741, 63.1944



31.3747, 33.9863, 25.6758



12.8585, 14.1857, 14.0165



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.



26.7334, 32.7673, 25.6851



45.2003, 57.4014, 41.3789



26.9940, 32.8000, 30.2909



7.0594, 7.9331, 7.5393



10.4119, 20.4780, 3.4039



0.2402, 0.4413, 0.0725

Inverse Universe

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



28.7606, 25.7168, 38.1000



49.4872, 42.4818, 67.6477



28.5038, 25.7071, 32.5407



7.2820, 7.1597, 8.9012



14.0782, 6.6641, 27.4741



0.3174, 0.1512, 0.5783

Previews

White Background



This preview shows how the XYZ color 26.7325, 32.7659, 25.6844 looks on a white background.

Color Contrast Check

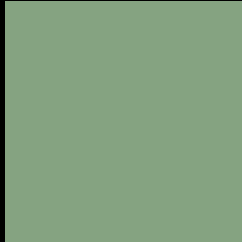
Large Text (above 18pt) WCAG AA × Fail

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 26.7325, 32.7659, 25.6844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

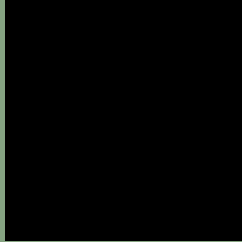
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.7325, 32.7659, 25.6844

Background



This preview shows how black text looks on a background with the XYZ color 26.7325, 32.7659, 25.6844.



This preview shows how white text looks on a background with the XYZ color 26.7325, 32.7659,

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

26.7325, 32.7659, 25.6844

Protanopia

30.5671, 32.4844, 24.0611

Deuteranopia

33.2724, 32.6258, 26.3736



Tritanopia

30.1279, 32.5917, 42.7331

Trichromacy



Original Color

26.7325, 32.7659, 25.6844

Protanomaly

28.9597, 32.3926, 24.4647

Deuteranomaly

30.5526, 32.4313, 26.1223

Tritanomaly

28.6311, 32.4812, 35.7708

Monochromacy



Original Color

26.7325, 32.7659, 25.6844

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.1054, 31.3250, 30.1562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7325, 32.7659, 25.6844 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, 163, 129)` looks like.

```
.text, #text, p{  
    color:rgb(133, 163, 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, 163, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 163, 129) }
```

Border

The CSS property to change the border of an element to XYZ 26.7325, 32.7659, 25.6844 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, 163, 129) }
```


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

```
.border{ border-color:rgb(133, 163, 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, 163, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 163, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 163, 129);  
box-shadow:4px 4px 4px 4px rgb(133, 163,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7325, 32.7659, 25.6844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 163, 129) }
```

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

```
.background{ background-color: rgb(133,  
163, 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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