

Converting Colors

XYZ(26.5507, 32.8894, 27.8706)

Have a look what the booklet for
XYZ(26.5507, 32.8894, 27.8706)
contains.

XYZ(26.5507, 32.8894, 27.8706)	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(26.5507, 32.8894,
27.8706)**

Conversions

Conversions Part 1

Format	Color
Hex	80A487
RGB	128, 164, 135
RGB Percent	50%, 64%, 53%
CMY	0.4980, 0.3568, 0.4706
CMYK	0.22, 0.00, 0.18, 0.36
HSL	132°, 17%, 57%
HSV	132°, 22%, 64%
XYZ	26.5507, 32.8894, 27.8706
YIQ	149.9300, -12.1470, -16.6510

Conversions

Conversions Part 2

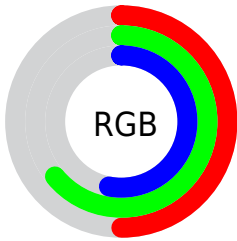
Format	Color
RYB	128, 158, 164
Decimal	8430727
CIELab	64.07, -18.28, 11.07
CIELCh	64, 21.373, 148.814
Yxy	32.8894, 0.3041, 0.3767
Android (android.graphics.Color)	4286620807 (0xFF80A487)
YUV	149.9300, -7.3605, -19.2326
Hunter-Lab	57.3493, -17.7220, 11.3307

Details

The XYZ color **26.5507, 32.8894, 27.8706** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **29.1159, 25.7659, 35.3384**, and the grayscale version is **28.9944, 30.5043, 33.2192**.

A 20% lighter version of the original color is **53.4647, 64.1176, 57.1350**, and **10.5757, 13.8639, 10.7129** is the 20% darker color. If you saturate the color by 10%, you get **23.4073, 31.3708, 23.1657**, and if you desaturate by 10%, it is **30.2101, 34.6626, 33.2037**.

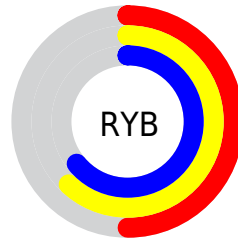
Distribution



Red (50%)

Green (64%)

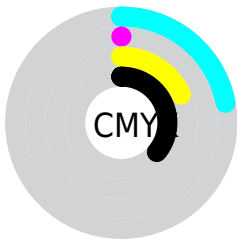
Blue (53%)



Red (50%)

Yellow (62%)

Blue (64%)

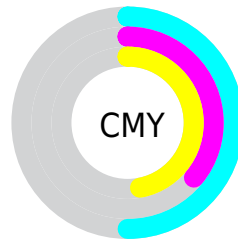


Cyan (22%)

Magenta (0%)

Yellow (18%)

Black (36%)



Cyan (50%)

Magenta (36%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5507, 32.8894, 27.8706 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 26.5507, 32.8894, 27.8706 by changing the saturation by 10% instead.

■ 26.5507, 32.8894,
27.8706

■ 26.5507, 32.8894,
27.8706

277.6824,
315.1511, 305.7405

■ 17.3709, 22.0417,
17.9899

■ 53.5870, 64.2028,
57.2984

■ 10.5962, 13.8876,
10.7734

■ 72.1743, 85.4374,
77.6826

■ 5.8613, 8.0425,
5.8024

■ 94.6281, 110.9030,
102.4051

■ 2.8008, 4.1222,
2.6585

121.3137,
140.9841, 131.8844

■ 1.0493, 1.7421,
0.9224

152.5967,
176.0650, 166.5391

■ 0.0000, 0.4507,
0.0000

188.8422,

■ 0.0000, 0.0000,

216.5303, 206.7876

0.0000

230.4157,
262.7641, 253.0486

■ 26.5507, 32.8894,
27.8706

■ 26.5507, 32.8894,
27.8706

■ 23.4073, 31.3708,
23.1657

■ 30.2101, 34.6626,
33.2037

■ 20.7539, 30.0909,
19.0636

■ 34.4046, 36.6969,
39.1845

■ 18.5662, 29.0388,
15.5407


■ 39.1557, 39.0039,
45.8348


■ 16.8168, 28.2009,
12.5708


■ 44.4829, 41.5932,
53.1743


■ 15.4752, 27.5620,
10.1256


■ 50.4047, 44.4740,
61.2220


 14.5072, 27.1052,
8.1745


 56.9387, 47.6550,
69.9964

 13.8723, 26.8102,
6.6835

 64.1020, 51.1446,
79.5150

 13.5353, 26.6559,
5.7904

 70.3474, 54.1447,
89.7216

 72.3901, 54.9618,
100.4784

Harmonies

Analogous

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



28.5441, 32.8894, 23.1255



26.5507, 32.8894, 27.8706



25.8062, 32.8894, 35.4679

Triad

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



26.5507, 32.8894, 27.8706



31.1404, 32.8894, 55.1461



36.6299, 32.8894, 28.3780

Complementary

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



26.5507, 32.8894, 27.8706



29.1159, 25.7659, 35.3384

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.



37.4335, 32.8894, 36.1562



26.5507, 32.8894, 27.8706



34.1438, 32.8894, 52.4499

Square

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



26.5507, 32.8894, 27.8706



28.3486, 32.8894, 52.0073



36.4965, 32.8894, 45.1321



34.3650, 32.8894, 23.3836

Rectangle

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



26.5507, 32.8894, 27.8706



26.0792, 32.8894, 41.4471



36.4965, 32.8894, 45.1321



37.0861, 32.8894, 30.7104

Sweetspot

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



26.5516, 32.8908, 27.8713



58.3802, 64.6348, 65.3514



31.1559, 35.3195, 25.5976



12.6726, 14.0866, 14.1580



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.



26.5516, 32.8908, 27.8713



45.4910, 58.3924, 46.5755



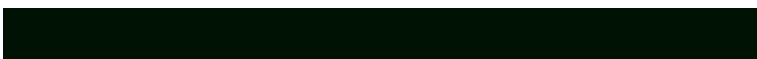
27.8953, 33.4283, 34.9473



7.0392, 7.9165, 7.8184



10.3917, 20.4430, 4.5134



0.2329, 0.4354, 0.1714

Inverse Universe

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



29.1159, 25.7659, 35.3384



50.9274, 43.2831, 62.4022



27.7195, 25.2073, 27.9848



7.3050, 7.1785, 8.5926



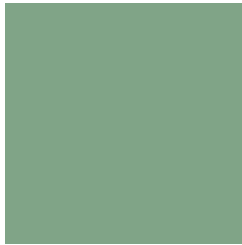
14.9548, 7.3380, 17.4847



0.3285, 0.1599, 0.4426

Previews

White Background



This preview shows how the XYZ color 26.5507, 32.8894, 27.8706 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 26.5507, 32.8894, 27.8706 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 26.5507, 32.8894, 27.8706

Background



This preview shows how black text looks on a background with the XYZ color 26.5507, 32.8894, 27.8706.



This preview shows how white text looks on a background with the XYZ color 26.5507, 32.8894,

27.8706.

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

26.5507, 32.8894, 27.8706

Protanopia

30.6891, 32.5094, 25.7766

Deuteranopia

33.2394, 32.5600, 28.5776



Tritanopia

29.8362, 32.9257, 43.8125

Trichromacy



Original Color

26.5507, 32.8894, 27.8706

Protanomaly

28.9694, 32.6037, 26.5961

Deuteranomaly

30.3690, 32.2883, 28.2986

Tritanomaly

28.5186, 32.8985, 37.6478

Monochromacy



Original Color

26.5507, 32.8894, 27.8706

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.9875, 31.2378, 31.3425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5507, 32.8894, 27.8706 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(128, 164, 135)` looks like.

```
.text, #text, p{  
    color:rgb(128, 164, 135)  
}
```

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(128, 164, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 164, 135) }
```

Border

The CSS property to change the border of an element to XYZ 26.5507, 32.8894, 27.8706 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(128, 164, 135) }
```


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

```
.border{ border-color:rgb(128, 164, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 164, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 164, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 164, 135);  
box-shadow:4px 4px 4px 4px rgb(128, 164,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5507, 32.8894, 27.8706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 164, 135) }
```

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

```
.background{ background-color: rgb(128,  
164, 135) }
```

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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