

Converting Colors

XYZ(27.1289, 32.7170, 26.9677)

Have a look what the booklet for
XYZ(27.1289, 32.7170, 26.9677)
contains.

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Color

**XYZ(27.1456, 32.6850,
27.0684)**

Conversions

Conversions Part 1

Format	Color
Hex	87A285
RGB	135, 162, 133
RGB Percent	53%, 64%, 52%
CMY	0.4706, 0.3647, 0.4784
CMYK	0.17, 0.00, 0.18, 0.36
HSL	116°, 13%, 58%
HSV	116°, 18%, 64%
XYZ	27.1456, 32.6850, 27.0684
YIQ	150.6210, -6.7830, -14.7430

Conversions

Conversions Part 2

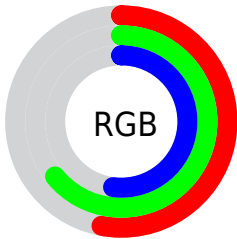
Format	Color
RYB	133, 162, 160
Decimal	8888965
CIELab	63.91, -15.14, 12.01
CIELCh	64, 19.329, 141.583
Yxy	32.6850, 0.3124, 0.3761
Android (android.graphics.Color)	4287079045 (0xFF87A285)
YUV	150.6210, -8.6872, -13.6996
Hunter-Lab	57.1708, -15.2943, 11.9478

Details

The XYZ color **27.1456, 32.6850, 27.0684** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **29.4077, 26.8582, 37.8183**, and the grayscale version is **29.2922, 30.8177, 33.5604**.

A 20% lighter version of the original color is **54.6620, 63.9897, 55.9246**, and **10.8836, 13.7077, 10.2558** is the 20% darker color. If you saturate the color by 10%, you get **23.8544, 31.1088, 21.5157**, and if you desaturate by 10%, it is **30.9551, 34.5104, 33.5479**.

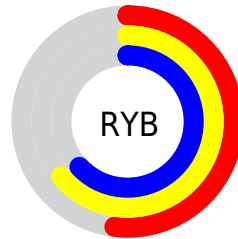
Distribution



Red (53%)

Green (64%)

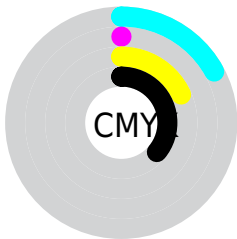
Blue (52%)



Red (52%)

Yellow (64%)

Blue (63%)

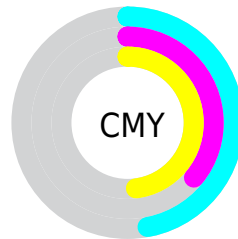


Cyan (17%)

Magenta (0%)

Yellow (18%)

Black (36%)



Cyan (47%)

Magenta (36%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1456, 32.6850, 27.0684 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 27.1456, 32.6850, 27.0684 by changing the saturation by 10% instead.

■ 27.1456, 32.6850,
27.0684

■ 27.1456, 32.6850,
27.0684

280.5161,
314.2279, 301.7588

■ 17.8198, 21.8852,
17.3917

■ 54.5357, 63.8834,
55.9987

■ 10.9196, 13.7726,
10.3493

■ 73.3306, 85.0509,
76.0893

■ 6.0797, 7.9627,
5.5225

■ 96.0126, 110.4430,
100.4884

■ 2.9347, 4.0711,
2.4929

122.9470,
140.4443, 129.6144

■ 1.1193, 1.7134,
0.8364

154.4992,
175.4390, 163.8859

■ 0.0412, 0.4323,
0.0000

191.0346,

■ 0.0000, 0.0000,

215.8116, 203.7215

0.0000

232.9184,
261.9464, 249.5396

■ 27.1456, 32.6850,
27.0684

■ 27.1456, 32.6850,
27.0684

■ 23.8544, 31.1088,
21.5157

■ 30.9551, 34.5104,
33.5479

■ 21.0566, 29.7669,
16.8454

■ 35.3012, 36.5906,
40.9916

■ 18.7291, 28.6495,
13.0127

■ 40.2044, 38.9364,
49.4373

■ 16.8461, 27.7442,
9.9682

■ 45.6836, 41.5569,
58.9204

■ 15.3792, 27.0376,
7.6570

■ 51.7567, 44.4603,
69.4743

■ 14.2966, 26.5147,
6.0174

■ 58.4407, 47.6550,
81.1310

■ 13.5622, 26.1583,
4.9775

■ 65.7520, 51.1486,
93.9213

■ 13.1259, 25.9454,
4.4138

■ 72.2110, 54.3220,
101.2870

■ 13.0612, 25.9143,
4.3136

Harmonies

Analogous

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



29.1816, 32.6850, 23.3975



27.1456, 32.6850, 27.0684



26.1740, 32.6850, 33.4405

Triad

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



27.1456, 32.6850, 27.0684



30.3068, 32.6850, 52.5583



36.1880, 32.6850, 30.3577

Complementary

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



27.1456, 32.6850, 27.0684



29.4077, 26.8582, 37.8183

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.



36.5327, 32.6850, 37.8263



27.1456, 32.6850, 27.0684



33.0301, 32.6850, 51.4139

Square

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



27.1456, 32.6850, 27.0684



27.9281, 32.6850, 48.6624



35.3470, 32.6850, 45.7314



34.4308, 32.6850, 25.0948

Rectangle

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



27.1456, 32.6850, 27.0684



26.2188, 32.6850, 38.6817



35.3470, 32.6850, 45.7314



36.4768, 32.6850, 32.6646

Sweetspot

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



27.1465, 32.6864, 27.0691



58.3089, 63.6606, 64.5145



31.6341, 34.3738, 27.1583



12.9811, 14.2429, 14.2933



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.



27.1465, 32.6864, 27.0691



47.0854, 58.2856, 45.4265



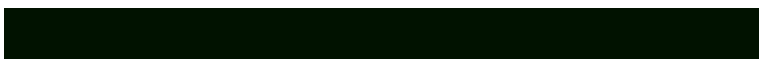
27.7115, 32.8756, 31.7078



7.0287, 7.9173, 7.5378



10.3044, 20.4226, 3.3989



0.2293, 0.4357, 0.0720

Inverse Universe

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



29.4077, 26.8582, 37.8183



51.8731, 45.9429, 68.1900



28.7873, 26.6566, 32.4481



7.3159, 7.1772, 8.9028



15.1828, 7.2335, 27.5258



0.3324, 0.1589, 0.5790

Previews

White Background



This preview shows how the XYZ color 27.1456, 32.6850, 27.0684 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 27.1456, 32.6850, 27.0684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

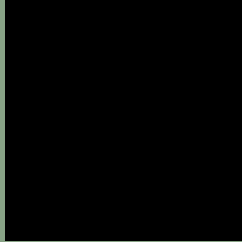
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.1456, 32.6850, 27.0684

Background



This preview shows how black text looks on a background with the XYZ color 27.1456, 32.6850, 27.0684.



This preview shows how white text looks on a background with the XYZ color 27.1456, 32.6850,

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

27.1456, 32.6850, 27.0684

Protanopia

30.6223, 32.4827, 25.4247

Deuteranopia

33.0959, 32.5026, 27.8218



Tritanopia

30.2029, 32.6412, 42.2446

Trichromacy



Original Color

27.1456, 32.6850, 27.0684

Protanomaly

29.2231, 32.4980, 25.8516

Deuteranomaly

30.6267, 32.4375, 27.5685

Tritanomaly

29.0463, 32.6855, 36.2305

Monochromacy



Original Color

27.1456, 32.6850, 27.0684

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.4324, 31.4760, 30.9625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1456, 32.6850, 27.0684 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(135, 162, 133)` looks like.

```
.text, #text, p{  
    color:rgb(135, 162, 133)  
}
```

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(135, 162, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 162, 133) }
```

Border

The CSS property to change the border of an element to XYZ 27.1456, 32.6850, 27.0684 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(135, 162, 133) }
```


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

```
.border{ border-color:rgb(135, 162, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 162, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 162, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 162, 133);  
box-shadow:4px 4px 4px 4px rgb(135, 162,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1456, 32.6850, 27.0684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 162, 133) }
```

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

```
.background{ background-color: rgb(135,  
162, 133) }
```

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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