

Converting Colors

XYZ(27.5059, 32.8452, 16.4708)

Have a look what the booklet for
XYZ(27.5059, 32.8452, 16.4708)
contains.

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Color

**XYZ(27.5272, 32.8556,
16.4462)**

Conversions

Conversions Part 1

Format	Color
Hex	96A162
RGB	150, 161, 98
RGB Percent	59%, 63%, 38%
CMY	0.4118, 0.3686, 0.6157
CMYK	0.07, 0.00, 0.39, 0.37
HSL	70°, 25%, 51%
HSV	70°, 39%, 63%
XYZ	27.5272, 32.8556, 16.4462
YIQ	150.5290, 13.6670, -21.9250

Conversions

Conversions Part 2

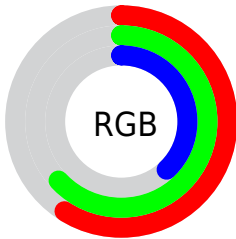
Format	Color
RYB	98, 161, 109
Decimal	9871714
CIELab	64.04, -14.21, 31.49
CIELCh	64, 34.551, 114.280
Yxy	32.8556, 0.3583, 0.4276
Android (android.graphics.Color)	4288061794 (0xFF96A162)
YUV	150.5290, -25.8968, -0.4639
Hunter-Lab	57.3198, -14.5870, 23.1124

Details

The XYZ color **27.5272, 32.8556, 16.4462** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.1086, 14.5606, 35.6288**, and the grayscale version is **29.3179, 30.8447, 33.5899**.

A 20% lighter version of the original color is **55.2377, 64.2929, 38.3526**, and **11.1887, 13.9788, 5.1261** is the 20% darker color. If you saturate the color by 10%, you get **26.3313, 32.3193, 12.8134**, and if you desaturate by 10%, it is **28.8901, 33.4624, 20.8863**.

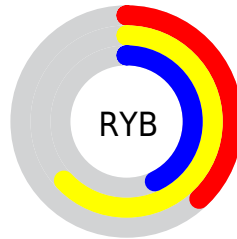
Distribution



Red (59%)

Green (63%)

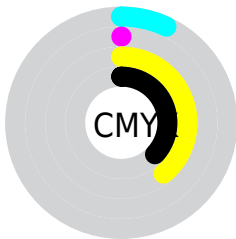
Blue (38%)



Red (38%)

Yellow (63%)

Blue (43%)

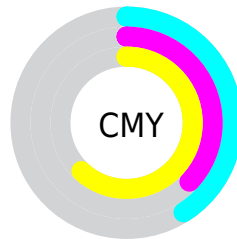


Cyan (7%)

Magenta (0%)

Yellow (39%)

Black (37%)



Cyan (41%)

Magenta (37%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5272, 32.8556, 16.4462 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 27.5272, 32.8556, 16.4462 by changing the saturation by 10% instead.

■ 27.5272, 32.8556,
16.4462

■ 27.5272, 32.8556,
16.4462

282.3220,
314.9986, 243.8954

■ 18.1082, 22.0158,
9.6827

■ 55.1426, 64.1500,
38.1486

■ 11.1278, 13.8685,
5.0862

■ 74.0698, 85.3735,
53.9246

■ 6.2208, 8.0293,
2.2383

■ 96.8970, 110.8270,
73.5418

■ 3.0217, 4.1137,
0.6964

■ 123.9897,
140.8949, 97.4188

■ 1.1653, 1.7374,
0.0000

155.7132,
175.9616, 125.9741

■ 0.0787, 0.4477,
0.0000

192.4328,

■ 0.0000, 0.0000,

216.4115, 159.6263

0.0000

234.5140,
262.6290, 198.7939

■ 27.5272, 32.8556,
16.4462

■ 27.5272, 32.8556,
16.4462

■ 26.3313, 32.3193,
12.8134

■ 28.8901, 33.4624,
20.8863

■ 25.2906, 31.8454,
9.9374

■ 30.4262, 34.1388,
26.1763

■ 24.3956, 31.4312,
7.7649


■ 32.1440, 34.8893,
32.3580


■ 23.6347, 31.0720,
6.2351


■ 34.0511, 35.7170,
39.4701


■ 22.9944, 30.7624,
5.2769


■ 36.1544, 36.6247,
47.5489


 22.4464, 30.4912,
4.7425

 38.4606, 37.6150,
56.6288

 22.4002, 30.4682,
4.7003

 40.9758, 38.6904,
66.7424

 43.7062, 39.8533,
77.9209

 46.6574, 41.1061,
90.1943

Harmonies

Analogous

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



32.1727, 32.8556, 15.1461



27.5272, 32.8556, 16.4462



24.2139, 32.8556, 22.2686

Triad

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



27.5272, 32.8556, 16.4462



26.0649, 32.8556, 62.3226



41.5244, 32.8556, 38.5195

Complementary

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



27.5272, 32.8556, 16.4462



17.1086, 14.5606, 35.6288

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.



39.4812, 32.8556, 53.8654



27.5272, 32.8556, 16.4462



30.3025, 32.8556, 69.7220

Square

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



27.5272, 32.8556, 16.4462



23.4332, 32.8556, 47.9988



35.2470, 32.8556, 66.2809



40.5846, 32.8556, 25.8242

Rectangle

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



27.5272, 32.8556, 16.4462



23.0400, 32.8556, 28.9770



35.2470, 32.8556, 66.2809



41.1577, 32.8556, 43.5589

Sweetspot

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



27.5280, 32.8571, 16.4469



56.5766, 62.0501, 54.3468



22.3191, 19.2907, 14.1029



12.3264, 13.5728, 11.6236



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



27.5280, 32.8571, 16.4469



47.4065, 57.9919, 23.6828



22.5583, 30.2951, 16.2143



7.5275, 8.1744, 7.5612



17.9197, 24.3484, 3.7553



0.4066, 0.5271, 0.0803

Inverse Universe

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



17.1086, 14.5606, 35.6288



26.0863, 20.5269, 62.9737



21.6170, 16.8848, 35.8398



6.8105, 6.9167, 8.8792



5.5484, 2.2668, 27.0749



0.1470, 0.0633, 0.5703

Previews

White Background



This preview shows how the XYZ color 27.5272, 32.8556, 16.4462 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 27.5272, 32.8556, 16.4462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

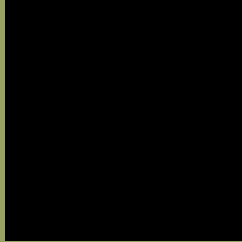
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.5272, 32.8556, 16.4462

Background



This preview shows how black text looks on a background with the XYZ color 27.5272, 32.8556, 16.4462.



This preview shows how white text looks on a background with the XYZ color 27.5272, 32.8556,

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

27.5272, 32.8556, 16.4462

Protanopia

30.1949, 32.7222, 15.7909

Deuteranopia

33.1886, 32.5585, 16.8471



Tritanopia

32.2833, 32.7682, 40.2207

Trichromacy



Original Color

27.5272, 32.8556, 16.4462

Protanomaly

29.1149, 32.6584, 16.0784

Deuteranomaly

30.9251, 32.5868, 16.7165

Tritanomaly

30.2138, 32.6686, 29.9125

Monochromacy



Original Color

27.5272, 32.8556, 16.4462

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.6487, 31.6879, 26.4362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5272, 32.8556, 16.4462 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(150, 161, 98)` looks like.

```
.text, #text, p{  
    color:rgb(150, 161, 98)  
}
```

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(150, 161, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 161, 98) }
```

Border

The CSS property to change the border of an element to XYZ 27.5272, 32.8556, 16.4462 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(150, 161, 98) }
```


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

```
.border{ border-color:rgb(150, 161, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 161, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 161, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 161, 98);  
box-shadow:4px 4px 4px 4px rgb(150, 161,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5272, 32.8556, 16.4462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 161, 98) }
```

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

```
.background{ background-color: rgb(150,  
161, 98) }
```

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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