

Converting Colors

XYZ(16.9273, 20.2575, 17.4859)

Have a look what the booklet for
XYZ(16.9273, 20.2575, 17.4859)
contains.

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Color

**XYZ(16.9273, 20.2575,
17.4859)**

Conversions

Conversions Part 1

Format	Color
Hex	6C826D
RGB	108, 130, 109
RGB Percent	42%, 51%, 43%
CMY	0.5765, 0.4902, 0.5725
CMYK	0.17, 0.00, 0.16, 0.49
HSL	123°, 9%, 47%
HSV	123°, 17%, 51%
XYZ	16.9273, 20.2575, 17.4859
YIQ	121.0280, -6.3710, -11.1950

Conversions

Conversions Part 2

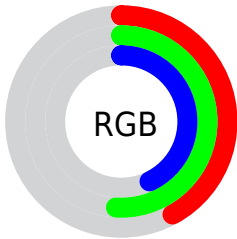
Format	Color
RYB	108, 129, 130
Decimal	7111277
CIELab	52.13, -12.34, 8.75
CIElCh	52, 15.128, 144.662
Yxy	20.2575, 0.3096, 0.3705
Android (android.graphics.Color)	4285301357 (0xFF6C826D)
YUV	121.0280, -5.9298, -11.4256
Hunter-Lab	45.0083, -11.6321, 8.4715

Details

The XYZ color **16.9273, 20.2575, 17.4859** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.5317, 17.0565, 23.0854**, and the grayscale version is **18.2035, 19.1515, 20.8560**.

A 20% lighter version of the original color is **37.8637, 43.9138, 40.1988**, and **5.6482, 7.1824, 5.5035** is the 20% darker color. If you saturate the color by 10%, you get **14.8411, 19.2544, 14.1439**, and if you desaturate by 10%, it is **19.3448, 21.4216, 21.3366**.

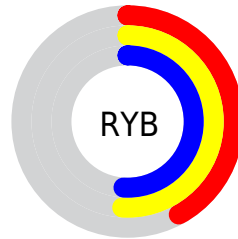
Distribution



Red (42%)

Green (51%)

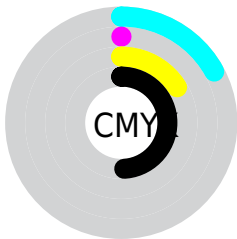
Blue (43%)



Red (42%)

Yellow (51%)

Blue (51%)

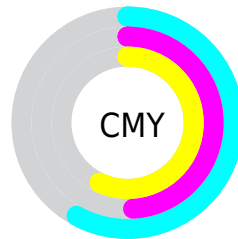


Cyan (17%)

Magenta (0%)

Yellow (16%)

Black (49%)



Cyan (58%)

Magenta (49%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9273, 20.2575, 17.4859 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 16.9273, 20.2575, 17.4859 by changing the saturation by 10% instead.

■ 16.9273, 20.2575,
17.4859

■ 16.9273, 20.2575,
17.4859

227.9175,
253.3057, 250.0952

■ 10.2777, 12.5824,
10.4159

■ 37.7453, 43.8485,
39.9614

■ 5.6471, 7.1416,
5.5664

■ 52.6444, 60.5331,
56.2039

■ 2.6703, 3.5508,
2.5188

■ 71.0240, 80.9897,
76.3411

■ 0.9819, 1.4256,
0.8501

■ 93.2495, 105.6026,
100.7915

■ 0.0000, 0.2355,
0.0000

119.6863,
134.7563, 129.9735

■ 0.0000, 0.0000,
0.0000

150.6996,

168.8351, 164.3058

186.6549,
208.2235, 204.2068

■ 16.9273, 20.2575,
17.4859

■ 16.9273, 20.2575,
17.4859

■ 14.8411, 19.2544,
14.1439

■ 19.3448, 21.4216,
21.3366

■ 13.0701, 18.4028,
11.2882

■ 22.1053, 22.7507,
25.7147

■ 11.5996, 17.6961,
8.8964

■ 25.2221, 24.2517,
30.6395

■ 10.4128, 17.1263,
6.9441

■ 28.7074, 25.9305,
36.1289

■ 9.4914, 16.6844,
5.4046

■ 32.5724, 27.7926,
42.2000

■ 8.8151, 16.3607,
4.2482

■ 36.8284, 29.8434,
48.8693

■ 8.3603, 16.1436,
3.4413

■ 41.4857, 32.0880,
56.1524

■ 8.0863, 16.0131,
2.9439

■ 46.5546, 34.5312,
64.0647

■ 8.0154, 15.9789,
2.8315

■ 52.0448, 37.1779,
72.6206

Harmonies

Analogous

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



18.0390, 20.2575, 15.1833



16.9273, 20.2575, 17.4859



16.4407, 20.2575, 21.2737

Triad

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



16.9273, 20.2575, 17.4859



18.9787, 20.2575, 31.6767



22.0870, 20.2575, 18.6886

Complementary

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



16.9273, 20.2575, 17.4859



18.5317, 17.0565, 23.0854

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.



22.3715, 20.2575, 22.8593



16.9273, 20.2575, 17.4859



20.5227, 20.2575, 30.7435

Square

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



16.9273, 20.2575, 17.4859



17.5838, 20.2575, 29.7649



21.7850, 20.2575, 27.3624



21.0270, 20.2575, 15.8098

Rectangle

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



16.9273, 20.2575, 17.4859



16.5165, 20.2575, 24.2852



21.7850, 20.2575, 27.3624



22.2788, 20.2575, 19.9694

Sweetspot

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



16.9278, 20.2584, 17.4863



34.9009, 38.1253, 38.8999



19.7841, 21.7370, 17.3406



7.8382, 8.5999, 8.7072



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



16.9278, 20.2584, 17.4863



28.4479, 35.0197, 28.6159



17.5416, 20.5039, 20.7183



4.2833, 4.8217, 4.6633



7.6859, 15.3209, 2.7185



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.5317, 17.0565, 23.0854



31.7801, 28.3670, 40.2484



17.8550, 16.7858, 19.5223



4.4900, 4.4091, 5.3848



12.3217, 5.9484, 18.8156



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.9273, 20.2575, 17.4859 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 16.9273, 20.2575, 17.4859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

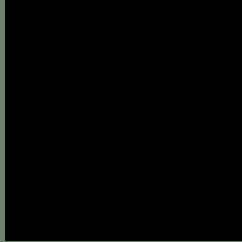
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.9273, 20.2575, 17.4859

Background



This preview shows how black text looks on a background with the XYZ color 16.9273, 20.2575, 17.4859.



This preview shows how white text looks on a background with the XYZ color 16.9273, 20.2575,

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

16.9273, 20.2575, 17.4859

Protanopia

19.0151, 20.2017, 16.5328

Deuteranopia

20.5702, 20.2434, 17.8621



Tritanopia

18.7148, 20.2100, 26.2071

Trichromacy



Original Color

16.9273, 20.2575, 17.4859

Protanomaly

18.1407, 20.1208, 16.8375

Deuteranomaly

19.0754, 20.2082, 17.6470

Tritanomaly

17.9108, 20.0646, 22.6675

Monochromacy



Original Color

16.9273, 20.2575, 17.4859

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.6210, 19.4127, 19.6479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9273, 20.2575, 17.4859 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(108, 130, 109)` looks like.

```
.text, #text, p{  
    color:rgb(108, 130, 109)  
}
```

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(108, 130, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 130, 109) }
```

Border

The CSS property to change the border of an element to XYZ 16.9273, 20.2575, 17.4859 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(108, 130, 109) }
```


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

```
.border{ border-color:rgb(108, 130, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 130, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 130, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 130, 109);  
box-shadow:4px 4px 4px 4px rgb(108, 130,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9273, 20.2575, 17.4859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 130, 109) }
```

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

```
.background{ background-color: rgb(108,  
130, 109) }
```

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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