

Converting Colors

XYZ(14.0887, 16.8819, 22.7659)

Have a look what the booklet for
XYZ(14.0887, 16.8819, 22.7659)
contains.

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Color

**XYZ(14.2133, 17.0271,
22.9595)**

Conversions

Conversions Part 1

Format	Color
Hex	527980
RGB	82, 121, 128
RGB Percent	32%, 47%, 50%
CMY	0.6784, 0.5255, 0.4980
CMYK	0.36, 0.05, 0.00, 0.50
HSL	189°, 22%, 41%
HSV	189°, 36%, 50%
XYZ	14.2133, 17.0271, 22.9595
YIQ	110.1370, -25.4910, -6.0910

Conversions

Conversions Part 2

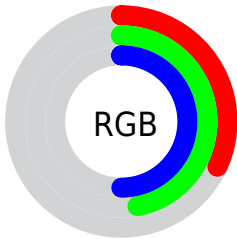
Format	Color
R _Y B	82, 103, 128
Decimal	5405056
CIE Lab	48.29, -11.74, -8.19
CIE LCh	48, 14.312, 214.904
Yxy	17.0271, 0.2622, 0.3142
Android (android.graphics.Color)	4283595136 (0xFF527980)
YUV	110.1370, 8.8065, -24.6761
Hunter-Lab	41.2639, -10.7277, -4.1046

Details

The XYZ color **14.2133, 17.0271, 22.9595** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.9976, 12.3432, 9.6277**, and the grayscale version is **14.8415, 15.6144, 17.0041**.

A 20% lighter version of the original color is **32.9569, 38.2099, 49.3543**, and **4.3558, 5.5226, 8.2335** is the 20% darker color. If you saturate the color by 10%, you get **12.9683, 16.0379, 22.8345**, and if you desaturate by 10%, it is **15.6718, 18.1343, 23.0966**.

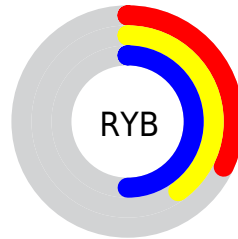
Distribution



Red (32%)

Green (47%)

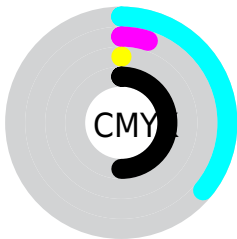
Blue (50%)



Red (32%)

Yellow (40%)

Blue (50%)

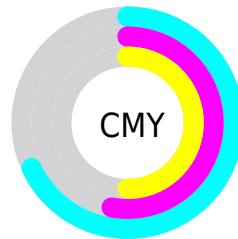


Cyan (36%)

Magenta (5%)

Yellow (0%)

Black (50%)



Cyan (68%)

Magenta (53%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2133, 17.0271, 22.9595 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 14.2133, 17.0271, 22.9595 by changing the saturation by 10% instead.

■ 14.2133, 17.0271,
22.9595

■ 14.2133, 17.0271,
22.9595

■ 212.0379,
235.3285, 280.6321

■ 8.3519, 10.2538,
14.3586

■ 33.0501, 38.3724,
49.2492

■ 4.3746, 5.5676,
8.2289

■ 46.7562, 53.7131,
67.7750

■ 1.9162, 2.5840,
4.1519

■ 63.8079, 72.6785,
90.4462

■ 0.5862, 0.9186,
1.7090

■ 84.5706, 95.6529,
117.6814

■ 0.0000, 0.0000,
0.3669

■ 109.4096,
123.0207, 149.8990

■ 0.0000, 0.0000,
0.0000

138.6902,

155.1663, 187.5176

172.7779,
192.4741, 230.9558

■ 14.2133, 17.0271,
22.9595

■ 14.2133, 17.0271,
22.9595

■ 12.9683, 16.0379,
22.8345

■ 15.6718, 18.1343,
23.0966

■ 11.9236, 15.1586,
22.7198

■ 17.3530, 19.3630,
23.2452

■ 11.0670, 14.3832,
22.6153

■ 19.2672, 20.7191,
23.4060

■ 10.3843, 13.7045,
22.5203

■ 21.4240, 22.2073,
23.5796

■ 9.8592, 13.1140,
22.4340

■ 23.8321, 23.8324,
23.7664

■ 9.4641, 12.5973,
22.3551

■ 26.4999, 25.5987,
23.9667

■ 9.3146, 12.3951,
22.3239

■ 29.4354, 27.5103,
24.1810

■ 32.6463, 29.5713,
24.4095

■ 36.1399, 31.7854,
24.6528

Harmonies

Analogous

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



13.8119, 17.0271, 19.1602



14.2133, 17.0271, 22.9595



15.1434, 17.0271, 25.8325

Triad

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



14.2133, 17.0271, 22.9595



18.5622, 17.0271, 21.7551



15.9704, 17.0271, 12.2659

Complementary

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



14.2133, 17.0271, 22.9595



13.9976, 12.3432, 9.6277

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.



17.2707, 17.0271, 12.7674



14.2133, 17.0271, 22.9595



18.8127, 17.0271, 17.9325

Square

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



14.2133, 17.0271, 22.9595



17.6613, 17.0271, 25.0743



18.3284, 17.0271, 14.7268



14.7910, 17.0271, 13.2521

Rectangle

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



14.2133, 17.0271, 22.9595



15.9620, 17.0271, 26.6513



18.3284, 17.0271, 14.7268



16.4075, 17.0271, 12.2675

Sweetspot

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



14.2138, 17.0278, 22.9599



32.0786, 35.1809, 41.0561



12.9981, 17.9521, 12.2095



7.4238, 8.1752, 9.6050



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.



14.2138, 17.0278, 22.9599



23.2310, 28.5606, 40.2446



11.7533, 12.1068, 22.1397



4.3925, 4.7789, 5.5042



9.2368, 12.2920, 22.1357



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.3710, 12.0046, 19.5969



25.6274, 18.5340, 33.1959



16.2085, 16.7650, 10.3646



4.4709, 4.4015, 5.2844



11.5393, 5.6354, 14.6954



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.2133, 17.0271, 22.9595 looks on a white 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

Black Background



This preview shows how the XYZ color 14.2133, 17.0271, 22.9595 looks on a black 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

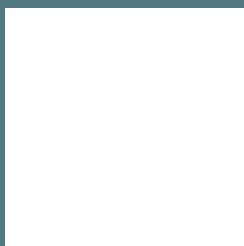
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.2133, 17.0271, 22.9595

Background



This preview shows how black text looks on a background with the XYZ color 14.2133, 17.0271, 22.9595.



This preview shows how white text looks on a background with the XYZ color 14.2133, 17.0271,

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

14.2133, 17.0271, 22.9595

Protanopia

16.5319, 17.0421, 21.1570

Deuteranopia

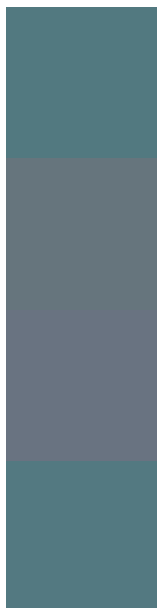
17.1849, 16.8321, 23.4623



Tritanopia

14.4339, 17.1255, 23.6639

Trichromacy



Original Color

14.2133, 17.0271, 22.9595

Protanomaly

15.5425, 17.0280, 21.8696

Deuteranomaly

15.9189, 16.8497, 23.1822

Tritanomaly

14.3671, 17.0987, 23.3120

Monochromacy



Original Color

14.2133, 17.0271, 22.9595

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.4837, 16.0283, 19.1600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2133, 17.0271, 22.9595 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(82, 121, 128)` looks like.

```
.text, #text, p{  
    color:rgb(82, 121, 128)  
}
```

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(82, 121, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 121, 128) }
```

Border

The CSS property to change the border of an element to XYZ 14.2133, 17.0271, 22.9595 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(82, 121, 128) }
```


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

```
.border{ border-color:rgb(82, 121, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 121, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 121, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 121, 128);  
box-shadow:4px 4px 4px 4px rgb(82, 121,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2133, 17.0271, 22.9595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 121, 128) }
```

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

```
.background{ background-color: rgb(82, 121,  
128) }
```

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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