

Converting Colors

XYZ(16.9136, 22.3405, 26.9377)

Have a look what the booklet for
XYZ(16.9136, 22.3405, 26.9377)
contains.

XYZ(16.9419, 22.3518, 27.0883)	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(16.9419, 22.3518,
27.0883)**

Conversions

Conversions Part 1

Format	Color
Hex	4B8D89
RGB	75, 141, 137
RGB Percent	29%, 55%, 54%
CMY	0.7059, 0.4470, 0.4627
CMYK	0.47, 0.00, 0.03, 0.45
HSL	176°, 31%, 42%
HSV	176°, 47%, 55%
XYZ	16.9419, 22.3518, 27.0883
YIQ	120.8100, -38.0520, -15.2360

Conversions

Conversions Part 2

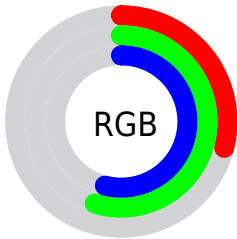
Format	Color
R_{YB}	75, 109, 141
Decimal	4951433
CIE _{Lab}	54.40, -22.05, -4.41
CIE _{LCh}	54, 22.486, 191.313
Yxy	22.3518, 0.2552, 0.3367
Android (android.graphics.Color)	4283141513 (0xFF4B8D89)
YUV	120.8100, 7.9817, -40.1754
Hunter-Lab	47.2777, -18.7707, -0.8765

Details

The XYZ color **16.9419, 22.3518, 27.0883** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.9127, 11.2600, 8.7854**, and the grayscale version is **18.0971, 19.0395, 20.7341**.

A 20% lighter version of the original color is **37.7115, 47.3371, 55.8646**, and **5.6076, 8.1196, 10.2885** is the 20% darker color. If you saturate the color by 10%, you get **15.8981, 21.8213, 26.7210**, and if you desaturate by 10%, it is **18.2320, 23.0103, 27.4706**.

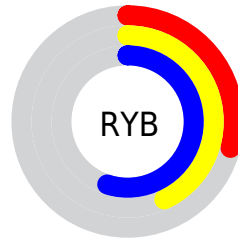
Distribution



Red (29%)

Green (55%)

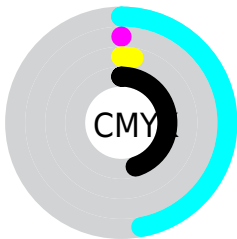
Blue (54%)



Red (29%)

Yellow (43%)

Blue (55%)

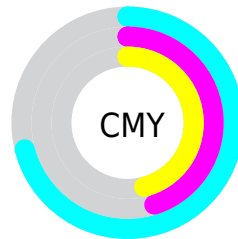


Cyan (47%)

Magenta (0%)

Yellow (3%)

Black (45%)



Cyan (71%)

Magenta (45%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9419, 22.3518, 27.0883 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 16.9419, 22.3518, 27.0883 by changing the saturation by 10% instead.

■ 16.9419, 22.3518,
27.0883

■ 16.9419, 22.3518,
27.0883

228.0001,
264.3780, 301.8581

■ 10.2881, 14.1156,
17.4065

■ 37.7702, 47.3268,
56.0310

■ 5.6541, 8.2011,
10.3597

■ 52.6755, 64.8343,
76.1290

■ 2.6746, 4.2239,
5.5294

■ 71.0620, 86.2012,
100.5361

■ 0.9841, 1.7996,
2.4970

■ 93.2951, 111.8117,
129.6710

■ 0.0000, 0.4869,
0.8386

■ 119.7401,
142.0502, 163.9520

■ 0.0000, 0.0000,
0.0000

150.7623,

177.3012, 203.7979

186.7272,
217.9490, 249.6271

■ 16.9419, 22.3518,
27.0883

■ 16.9419, 22.3518,
27.0883

■ 15.8981, 21.8213,
26.7210

■ 18.2320, 23.0103,
27.4706

■ 15.0822, 21.4077,
26.3665

■ 19.7812, 23.8018,
27.8671

■ 14.4765, 21.1024,
26.0243

■ 21.6039, 24.7342,
28.2789

■ 14.0600, 20.8946,
25.6935

■ 23.7127, 25.8140,
28.7067

■ 13.7964, 20.7655,
25.3723

■ 26.1196, 27.0475,
29.1510

■ 13.7212, 20.7289,
25.2708

■ 28.8358, 28.4403,
29.6123

■ 31.8719, 29.9980,
30.0912

■ 35.2381, 31.7259,
30.5881

■ 38.9441, 33.6288,
31.1035

Harmonies

Analogous

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



17.0775, 22.3518, 20.2557



16.9419, 22.3518, 27.0883



17.8910, 22.3518, 34.4035

Triad

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



16.9419, 22.3518, 27.0883



24.5177, 22.3518, 35.9763



22.7942, 22.3518, 13.6413

Complementary

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



16.9419, 22.3518, 27.0883



14.9127, 11.2600, 8.7854

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.



24.9933, 22.3518, 16.4553



16.9419, 22.3518, 27.0883



26.0401, 22.3518, 28.9334

Square

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



16.9419, 22.3518, 27.0883



22.1847, 22.3518, 40.1560



26.2206, 22.3518, 21.7792



20.3316, 22.3518, 13.3375

Rectangle

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



16.9419, 22.3518, 27.0883



19.0573, 22.3518, 38.2361



26.2206, 22.3518, 21.7792



23.5935, 22.3518, 14.2954

Sweetspot

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



16.9426, 22.3527, 27.0888



39.5854, 44.7527, 50.8302



14.0534, 21.2382, 10.0158



8.6878, 9.9170, 11.3208



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



16.9426, 22.3527, 27.0888



28.4047, 39.0438, 47.8257



13.5485, 15.0965, 27.4002



5.5463, 6.1108, 6.8429



12.5128, 18.9010, 23.0523



0.1224, 0.1818, 0.2350

Inverse Universe

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



14.9127, 11.2600, 8.7854



24.3189, 16.6822, 10.9589



17.1655, 15.9918, 8.8391



5.4213, 5.4291, 5.7167



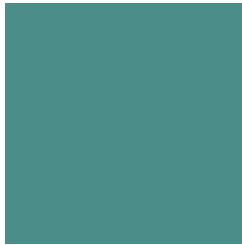
10.0607, 5.1813, 0.7051



0.0983, 0.0504, 0.0179

Previews

White Background



This preview shows how the XYZ color 16.9419, 22.3518, 27.0883 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 16.9419, 22.3518, 27.0883 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 16.9419, 22.3518, 27.0883

Background



This preview shows how black text looks on a background with the XYZ color 16.9419, 22.3518, 27.0883.



This preview shows how white text looks on a background with the XYZ color 16.9419, 22.3518,

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

16.9419, 22.3518, 27.0883

Protanopia

21.3952, 22.2178, 24.2799

Deuteranopia

22.5110, 22.1335, 27.8967



Tritanopia

17.9621, 22.3295, 32.2175

Trichromacy



Original Color

16.9419, 22.3518, 27.0883

Protanomaly

19.1767, 21.8480, 25.3967

Deuteranomaly

19.7159, 21.6741, 27.5705

Tritanomaly

17.6308, 22.4202, 30.1864

Monochromacy



Original Color

16.9419, 22.3518, 27.0883

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.2589, 19.9137, 23.0128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9419, 22.3518, 27.0883 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(75, 141, 137)` looks like.

```
.text, #text, p{  
    color:rgb(75, 141, 137)  
}
```

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(75, 141, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 141, 137) }
```

Border

The CSS property to change the border of an element to XYZ 16.9419, 22.3518, 27.0883 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(75, 141, 137) }
```


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

```
.border{ border-color:rgb(75, 141, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 141, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 141, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 141, 137);  
box-shadow:4px 4px 4px 4px rgb(75, 141,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9419, 22.3518, 27.0883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 141, 137) }
```

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

```
.background{ background-color: rgb(75, 141,  
137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor