

Converting Colors

XYZ(17.1660, 22.9129, 16.9506)

Have a look what the booklet for
XYZ(17.1660, 22.9129, 16.9506)
contains.

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Color

**XYZ(17.1526, 22.9073,
16.8821)**

Conversions

Conversions Part 1

Format	Color
Hex	618E69
RGB	97, 142, 105
RGB Percent	38%, 56%, 41%
CMY	0.6196, 0.4431, 0.5882
CMYK	0.32, 0.00, 0.26, 0.44
HSL	131°, 19%, 47%
HSV	131°, 32%, 56%
XYZ	17.1526, 22.9073, 16.8821
YIQ	124.3270, -14.9430, -21.0470

Conversions

Conversions Part 2

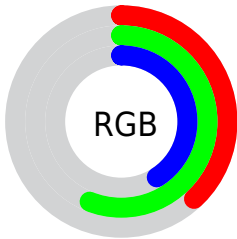
Format	Color
R_{YB}	97, 135, 142
Decimal	6393449
CIE _{Lab}	54.98, -23.38, 14.93
CIE _{LCh}	55, 27.740, 147.441
Yxy	22.9073, 0.3012, 0.4023
Android (android.graphics.Color)	4284583529 (0xFF618E69)
YUV	124.3270, -9.5282, -23.9658
Hunter-Lab	47.8616, -19.7870, 12.5899

Details

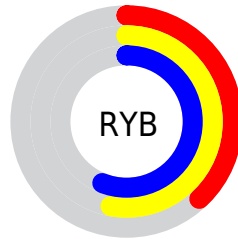
The XYZ color **17.1526, 22.9073, 16.8821** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.7339, 16.0220, 24.6078**, and the grayscale version is **19.3022, 20.3074, 22.1148**.

A 20% lighter version of the original color is **38.1351, 48.2697, 38.7595**, and **5.7237, 8.4160, 5.3258** is the 20% darker color. If you saturate the color by 10%, you get **15.2134, 21.9729, 13.8710**, and if you desaturate by 10%, it is **19.4463, 24.0162, 20.3409**.

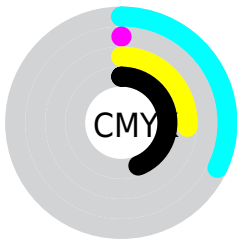
Distribution



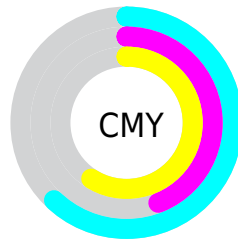
- Red (38%)
- Green (56%)
- Blue (41%)



- Red (38%)
- Yellow (53%)
- Blue (56%)



- Cyan (32%)
- Magenta (0%)
- Yellow (26%)
- Black (44%)



- Cyan (62%)
- Magenta (44%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1526, 22.9073, 16.8821 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 17.1526, 22.9073, 16.8821 by changing the saturation by 10% instead.

■ 17.1526, 22.9073,
16.8821

■ 17.1526, 22.9073,
16.8821

229.1894,
267.2485, 246.5129

■ 10.4393, 14.5251,
9.9894

■ 38.1295, 48.2411,
38.9108

■ 5.7557, 8.4868,
5.2864

■ 53.1238, 65.9614,
54.8839

■ 2.7363, 4.4080,
2.3546

■ 71.6092, 87.5632,
74.7209

■ 1.0159, 1.9043,
0.7616

■ 93.9510, 113.4309,
98.8403

■ 0.0000, 0.5510,
0.0000

120.5145,
143.9489, 127.6607

■ 0.0000, 0.0000,
0.0000

151.6652,

179.5016, 161.6005

187.7684,
220.4733, 201.0785

■ 17.1526, 22.9073,
16.8821

■ 17.1526, 22.9073,
16.8821

■ 15.2134, 21.9729,
13.8710

■ 19.4463, 24.0162,
20.3409

■ 13.6091, 21.2014,
11.2879

■ 22.1092, 25.3050,
24.2632

■ 12.3210, 20.5841,
9.1137


■ 25.1575, 26.7821,
28.6657


■ 11.3276, 20.1105,
7.3275


■ 28.6056, 28.4549,
33.5639


■ 10.6049, 19.7687,
5.9063


■ 32.4675, 30.3300,
38.9725


 10.1248, 19.5446,
4.8247

 36.7563, 32.4141,
44.9059

 9.8515, 19.4181,
4.1624

 41.4845, 34.7132,
51.3776

 46.6642, 37.2334,
58.4008

 52.3071, 39.9803,
65.9880

Harmonies

Analogous

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



19.1558, 22.9073, 12.7140



17.1526, 22.9073, 16.8821



16.3757, 22.9073, 24.1926

Triad

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



17.1526, 22.9073, 16.8821



21.5094, 22.9073, 46.0145



27.4633, 22.9073, 17.9135

Complementary

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



17.1526, 22.9073, 16.8821



19.7339, 16.0220, 24.6078

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.



28.2416, 22.9073, 25.7071



17.1526, 22.9073, 16.8821



24.6178, 22.9073, 43.2273

Square

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



17.1526, 22.9073, 16.8821



18.7383, 22.9073, 42.1440



27.1558, 22.9073, 35.2294



25.1181, 22.9073, 13.2033

Rectangle

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



17.1526, 22.9073, 16.8821



16.5970, 22.9073, 30.3795



27.1558, 22.9073, 35.2294



27.9260, 22.9073, 20.1957

Sweetspot

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



17.1532, 22.9083, 16.8826



39.7395, 44.9861, 43.8811



21.7430, 25.3197, 15.0508



8.7361, 9.9800, 9.5974



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.



17.1532, 22.9083, 16.8826



27.7562, 39.1936, 25.9204



18.4343, 23.4207, 23.6285



5.3796, 6.0441, 5.9649



8.8501, 17.4359, 3.7646



0.0905, 0.1690, 0.0669

Inverse Universe

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



19.7339, 16.0220, 24.6078



33.0394, 25.0856, 41.7274



18.3554, 15.4706, 17.3485



5.5857, 5.4948, 6.5822



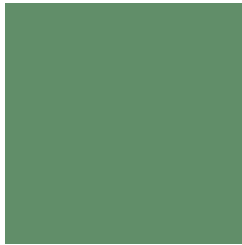
12.8919, 6.3138, 15.6141



0.1302, 0.0631, 0.1860

Previews

White Background



This preview shows how the XYZ color 17.1526, 22.9073, 16.8821 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 17.1526, 22.9073, 16.8821 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 17.1526, 22.9073, 16.8821

Background



This preview shows how black text looks on a background with the XYZ color 17.1526, 22.9073, 16.8821.



This preview shows how white text looks on a background with the XYZ color 17.1526, 22.9073,

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

17.1526, 22.9073, 16.8821

Protanopia

21.2318, 22.7281, 15.3245

Deuteranopia

23.1165, 22.6798, 17.3466



Tritanopia

19.8963, 22.7182, 30.9402

Trichromacy



Original Color

17.1526, 22.9073, 16.8821

Protanomaly

19.3744, 22.5723, 15.9061

Deuteranomaly

20.4208, 22.4696, 17.1707

Tritanomaly

18.7328, 22.6677, 25.2178

Monochromacy



Original Color

17.1526, 22.9073, 16.8821

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.2666, 21.0944, 19.9385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1526, 22.9073, 16.8821 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(97, 142, 105)` looks like.

```
.text, #text, p{  
    color:rgb(97, 142, 105)  
}
```

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(97, 142, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 142, 105) }
```

Border

The CSS property to change the border of an element to XYZ 17.1526, 22.9073, 16.8821 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(97, 142, 105) }
```


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

```
.border{ border-color:rgb(97, 142, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 142, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 142, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 142, 105);  
box-shadow:4px 4px 4px 4px rgb(97, 142,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1526, 22.9073, 16.8821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 142, 105) }
```

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

```
.background{ background-color: rgb(97, 142,  
105) }
```

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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