

Converting Colors

XYZ(15.8872, 22.6091, 17.1396)

Have a look what the booklet for
XYZ(15.8872, 22.6091, 17.1396)
contains.

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Color

**XYZ(15.9681, 22.7365,
17.1826)**

Conversions

Conversions Part 1

Format	Color
Hex	51906A
RGB	81, 144, 106
RGB Percent	32%, 56%, 42%
CMY	0.6823, 0.4353, 0.5843
CMYK	0.44, 0.00, 0.26, 0.44
HSL	144°, 28%, 44%
HSV	144°, 44%, 56%
XYZ	15.9681, 22.7365, 17.1826
YIQ	120.8310, -25.3500, -25.1740

Conversions

Conversions Part 2

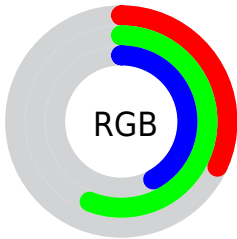
Format	Color
R_{YB}	81, 126, 144
Decimal	5345386
CIE _{Lab}	54.80, -29.28, 13.99
CIE _{LCh}	55, 32.449, 154.460
Yxy	22.7365, 0.2857, 0.4068
Android (android.graphics.Color)	4283535466 (0xFF51906A)
YUV	120.8310, -7.3117, -34.9318
Hunter-Lab	47.6828, -23.6685, 12.0127

Details

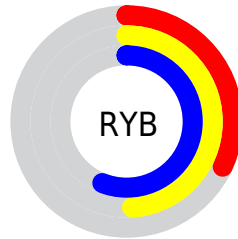
The XYZ color **15.9681, 22.7365, 17.1826** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.7745, 13.1465, 19.0543**, and the grayscale version is **18.1486, 19.0937, 20.7931**.

A 20% lighter version of the original color is **35.9528, 47.8090, 39.2314**, and **5.2105, 8.4057, 5.4855** is the 20% darker color. If you saturate the color by 10%, you get **14.4336, 21.9956, 14.8713**, and if you desaturate by 10%, it is **17.8113, 23.6325, 19.7482**.

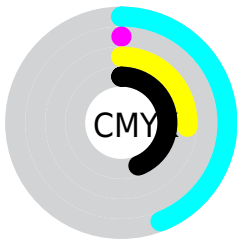
Distribution



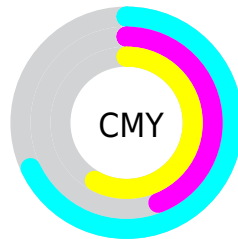
- Red (32%)
- Green (56%)
- Blue (42%)



- Red (32%)
- Yellow (49%)
- Blue (56%)



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



- Cyan (68%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9681, 22.7365, 17.1826 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 15.9681, 22.7365, 17.1826 by changing the saturation by 10% instead.

■ 15.9681, 22.7365,
17.1826

■ 15.9681, 22.7365,
17.1826

222.4275,
266.3687, 248.3019

■ 9.5923, 14.3991,
10.2014

■ 36.1007, 47.9603,
39.4344

■ 5.1897, 8.3987,
5.4254

■ 50.5882, 65.6154,
55.5421

■ 2.3949, 4.3511,
2.4359

■ 68.5103, 87.1453,
75.5291

■ 0.8425, 1.8719,
0.8059

■ 90.2324, 112.9342,
99.8139

■ 0.0000, 0.5314,
0.0000

■ 116.1198,
143.3666, 128.8150

■ 0.0000, 0.0000,
0.0000

146.5379,

178.8269, 162.9511

181.8520,
219.6995, 202.6405

■ 15.9681, 22.7365,
17.1826

■ 15.9681, 22.7365,
17.1826

■ 14.4336, 21.9956,
14.8713

■ 17.8113, 23.6325,
19.7482

■ 13.1879, 21.3979,
12.8049

■ 19.9780, 24.6891,
22.5741

■ 12.2116, 20.9341,
10.9755


■ 22.4840, 25.9151,
25.6681


■ 11.4819, 20.5926,
9.3742


■ 25.3436, 27.3177,
29.0371


■ 10.9716, 20.3596,
7.9916


■ 28.5703, 28.9037,
32.6878

 10.7158, 20.2443,
7.2324

 32.1769, 30.6795,
36.6265

 36.1755, 32.6513,
40.8596

 40.5776, 34.8249,
45.3930

 45.3943, 37.2059,
50.2327

Harmonies

Analogous

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



17.9398, 22.7365, 11.7852



15.9681, 22.7365, 17.1826



15.4405, 22.7365, 26.3233

Triad

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



15.9681, 22.7365, 17.1826



22.1509, 22.7365, 50.1161



27.8071, 22.7365, 15.1813

Complementary

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



15.9681, 22.7365, 17.1826



17.7745, 13.1465, 19.0543

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.



29.2373, 22.7365, 23.2525



15.9681, 22.7365, 17.1826



25.7503, 22.7365, 44.8629

Square

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



15.9681, 22.7365, 17.1826



18.7724, 22.7365, 47.1837



28.4461, 22.7365, 34.2808



24.7208, 22.7365, 10.8738

Rectangle

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



15.9681, 22.7365, 17.1826



15.9233, 22.7365, 33.8635



28.4461, 22.7365, 34.2808



28.5121, 22.7365, 17.4484

Sweetspot

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



15.9687, 22.7374, 17.1831



39.8843, 45.8187, 45.5469



19.1842, 24.5240, 11.5072



8.9289, 10.4007, 10.1823



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.9687, 22.7374, 17.1831



25.3743, 38.7539, 26.0989



17.8576, 23.4930, 27.1299



5.4260, 6.0626, 6.2091



9.3421, 17.6327, 6.3557



0.0997, 0.1727, 0.1153

Inverse Universe

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



17.7745, 13.1465, 19.0543



29.0007, 19.4606, 29.8316



16.2206, 12.5250, 10.8716



5.5368, 5.4753, 6.3250



11.5206, 5.7653, 8.3928



0.1210, 0.0595, 0.1376

Previews

White Background



This preview shows how the XYZ color 15.9681, 22.7365, 17.1826 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 15.9681, 22.7365, 17.1826 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 15.9681, 22.7365, 17.1826

Background



This preview shows how black text looks on a background with the XYZ color 15.9681, 22.7365, 17.1826.



This preview shows how white text looks on a background with the XYZ color 15.9681, 22.7365,

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

15.9681, 22.7365, 17.1826

Protanopia

20.9303, 22.3743, 15.2721

Deuteranopia

22.8530, 22.5315, 17.8964



Tritanopia

18.8277, 22.5710, 31.7981

Trichromacy



Original Color

15.9681, 22.7365, 17.1826

Protanomaly

18.5335, 22.1388, 15.8668

Deuteranomaly

19.6053, 22.2392, 17.7273

Tritanomaly

17.5422, 22.4759, 25.6040

Monochromacy



Original Color

15.9681, 22.7365, 17.1826

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

16.9465, 20.0256, 19.4952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9681, 22.7365, 17.1826 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(81, 144, 106)` looks like.

```
.text, #text, p{  
    color:rgb(81, 144, 106)  
}
```

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(81, 144, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 144, 106) }
```

Border

The CSS property to change the border of an element to XYZ 15.9681, 22.7365, 17.1826 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(81, 144, 106) }
```


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

```
.border{ border-color:rgb(81, 144, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 144, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 144, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 144, 106);  
box-shadow:4px 4px 4px 4px rgb(81, 144,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9681, 22.7365, 17.1826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 144, 106) }
```

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

```
.background{ background-color: rgb(81, 144,  
106) }
```

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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