

Converting Colors

XYZ(15.5699, 21.9568, 16.4665)

Have a look what the booklet for
XYZ(15.5699, 21.9568, 16.4665)
contains.

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Color

**XYZ(15.5032, 21.8431,
16.4957)**

Conversions

Conversions Part 1

Format	Color
Hex	528D68
RGB	82, 141, 104
RGB Percent	32%, 55%, 41%
CMY	0.6784, 0.4470, 0.5922
CMYK	0.42, 0.00, 0.26, 0.45
HSL	142°, 26%, 44%
HSV	142°, 42%, 55%
XYZ	15.5032, 21.8431, 16.4957
YIQ	119.1410, -23.2870, -24.0150

Conversions

Conversions Part 2

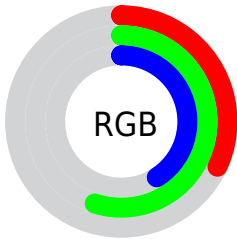
Format	Color
RYB	82, 125, 141
Decimal	5410152
CIELab	53.86, -27.93, 13.83
CIELCh	54, 31.168, 153.659
Yxy	21.8431, 0.2879, 0.4057
Android (android.graphics.Color)	4283600232 (0xFF528D68)
YUV	119.1410, -7.4645, -32.5727
Hunter-Lab	46.7366, -22.5780, 11.7892

Details

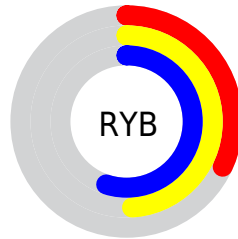
The XYZ color **15.5032, 21.8431, 16.4957** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.3322, 13.0296, 19.0549**, and the grayscale version is **17.6078, 18.5248, 20.1735**.

A 20% lighter version of the original color is **35.2630, 46.4651, 38.1205**, and **4.9598, 7.8990, 5.1342** is the 20% darker color. If you saturate the color by 10%, you get **13.9750, 21.1051, 14.2014**, and if you desaturate by 10%, it is **17.3316, 22.7316, 19.0509**.

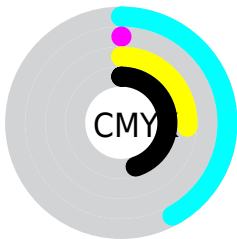
Distribution



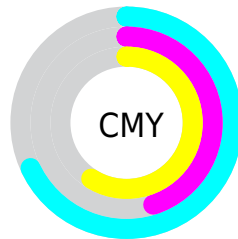
- Red (32%)
- Green (55%)
- Blue (41%)



- Red (32%)
- Yellow (49%)
- Blue (55%)



- Cyan (42%)
- Magenta (0%)
- Yellow (26%)
- Black (45%)



- Cyan (68%)
- Magenta (45%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5032, 21.8431, 16.4957 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 15.5032, 21.8431, 16.4957 by changing the saturation by 10% instead.

■ 15.5032, 21.8431,
16.4957

■ 15.5032, 21.8431,
16.4957

219.7206,
261.7258, 244.1940

■ 9.2619, 13.7417,
9.7175

■ 35.2980, 46.4865,
38.2353

■ 4.9709, 7.9412,
5.1089

■ 49.5822, 63.7973,
54.0338

■ 2.2648, 4.0573,
2.2514

■ 67.2782, 84.9467,
73.6761

■ 0.7765, 1.7057,
0.7038

■ 88.7511, 110.3190,
97.5808

■ 0.0000, 0.4273,
0.0000

■ 114.3665,
140.2987, 126.1664

■ 0.0000, 0.0000,
0.0000

144.4896,

175.2701, 159.8514

179.4859,
215.6177, 199.0545

■ 15.5032, 21.8431,
16.4957

■ 15.5032, 21.8431,
16.4957

■ 13.9750, 21.1051,
14.2014

■ 17.3316, 22.7316,
19.0509

■ 12.7284, 20.5064,
12.1583

■ 19.4742, 23.7759,
21.8734

■ 11.7451, 20.0383,
10.3579


■ 21.9460, 24.9842,
24.9715


■ 11.0039, 19.6901,
8.7909


■ 24.7605, 26.3632,
28.3523


■ 10.4800, 19.4493,
7.4474


■ 27.9306, 27.9195,
32.0229

 10.1582, 19.3038,
6.5080

 31.4684, 29.6591,
35.9900

 35.3854, 31.5880,
40.2601

 39.6926, 33.7115,
44.8397

 44.4006, 36.0351,
49.7348

Harmonies

Analogous

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



17.3892, 21.8431, 11.4880



15.5032, 21.8431, 16.4957



14.9693, 21.8431, 24.9811

Triad

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



15.5032, 21.8431, 16.4957



21.1753, 21.8431, 47.3764



26.6028, 21.8431, 14.9479

Complementary

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



15.5032, 21.8431, 16.4957



17.3322, 13.0296, 19.0549

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.



27.8822, 21.8431, 22.6246



15.5032, 21.8431, 16.4957



24.5432, 21.8431, 42.6988

Square

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



15.5032, 21.8431, 16.4957



18.0300, 21.8431, 44.4628



27.0910, 21.8431, 32.9524



23.7551, 21.8431, 10.7779

Rectangle

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



15.5032, 21.8431, 16.4957



15.3984, 21.8431, 31.9883



27.0910, 21.8431, 32.9524



27.2436, 21.8431, 17.1172

Sweetspot

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



15.5038, 21.8440, 16.4962



38.6281, 44.4118, 43.8916



18.7068, 23.6079, 11.5536



8.4250, 9.8203, 9.5521



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.



15.5038, 21.8440, 16.4962



25.2190, 37.8872, 25.7327



17.2481, 22.5417, 25.6815



5.4209, 6.0606, 6.1821



9.2692, 17.6035, 5.9717



0.0987, 0.1723, 0.1100

Inverse Universe

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



17.3322, 13.0296, 19.0549



28.9357, 19.9425, 30.9130



15.8422, 12.4336, 11.2082



5.5421, 5.4774, 6.3528



11.6458, 5.8153, 9.0522



0.1220, 0.0599, 0.1429

Previews

White Background



This preview shows how the XYZ color 15.5032, 21.8431, 16.4957 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 15.5032, 21.8431, 16.4957 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 15.5032, 21.8431, 16.4957

Background



This preview shows how black text looks on a background with the XYZ color 15.5032, 21.8431, 16.4957.



This preview shows how white text looks on a background with the XYZ color 15.5032, 21.8431,

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

15.5032, 21.8431, 16.4957

Protanopia

20.2403, 21.6386, 14.6652

Deuteranopia

22.0025, 21.5445, 17.1862



Tritanopia

18.2659, 21.6786, 30.4158

Trichromacy



Original Color

15.5032, 21.8431, 16.4957

Protanomaly

18.0239, 21.4771, 15.2521

Deuteranomaly

18.9487, 21.3119, 17.0248

Tritanomaly

17.0669, 21.6047, 24.7433

Monochromacy



Original Color

15.5032, 21.8431, 16.4957

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.5705, 19.4578, 18.8020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5032, 21.8431, 16.4957 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, 141, 104)` looks like.

```
.text, #text, p{  
    color:rgb(82, 141, 104)  
}
```

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, 141, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 141, 104) }
```

Border

The CSS property to change the border of an element to XYZ 15.5032, 21.8431, 16.4957 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, 141, 104) }
```


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

```
.border{ border-color:rgb(82, 141, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 141, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 141, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 141, 104);  
box-shadow:4px 4px 4px 4px rgb(82, 141,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5032, 21.8431, 16.4957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 141, 104) }
```

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

```
.background{ background-color: rgb(82, 141,  
104) }
```

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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