

Converting Colors

XYZ(15.4823, 21.8827, 17.5824)

Have a look what the booklet for
XYZ(15.4823, 21.8827, 17.5824)
contains.

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Color

**XYZ(15.4561, 21.7947,
17.5795)**

Conversions

Conversions Part 1

Format	Color
Hex	4F8D6C
RGB	79, 141, 108
RGB Percent	31%, 55%, 42%
CMY	0.6902, 0.4470, 0.5765
CMYK	0.44, 0.00, 0.23, 0.45
HSL	148°, 28%, 43%
HSV	148°, 44%, 55%
XYZ	15.4561, 21.7947, 17.5795
YIQ	118.7000, -26.3590, -23.4070

Conversions

Conversions Part 2

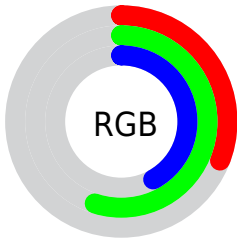
Format	Color
RYB	79, 121, 141
Decimal	5213548
CIELab	53.81, -27.99, 11.46
CIELCh	54, 30.240, 157.740
Yxy	21.7947, 0.2819, 0.3975
Android (android.graphics.Color)	4283403628 (0xFF4F8D6C)
YUV	118.7000, -5.2751, -34.8169
Hunter-Lab	46.6848, -22.6018, 10.3533

Details

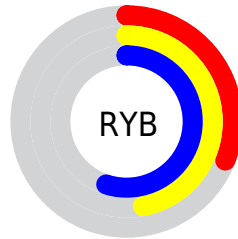
The XYZ color **15.4561, 21.7947, 17.5795** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.7059, 12.4251, 16.8479**, and the grayscale version is **17.4624, 18.3718, 20.0069**.

A 20% lighter version of the original color is **35.1332, 46.3587, 39.8973**, and **4.9238, 7.8716, 5.5348** is the 20% darker color. If you saturate the color by 10%, you get **14.0230, 21.1007, 15.5166**, and if you desaturate by 10%, it is **17.1735, 22.6325, 19.8362**.

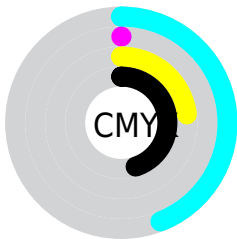
Distribution



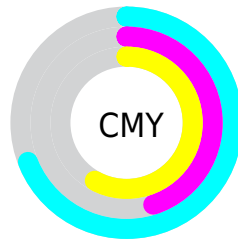
- Red (31%)
- Green (55%)
- Blue (42%)



- Red (31%)
- Yellow (47%)
- Blue (55%)



- Cyan (44%)
- Magenta (0%)
- Yellow (23%)
- Black (45%)



- Cyan (69%)
- Magenta (45%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4561, 21.7947, 17.5795 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 15.4561, 21.7947, 17.5795 by changing the saturation by 10% instead.

■ 15.4561, 21.7947,
17.5795

■ 15.4561, 21.7947,
17.5795

219.4446,
261.4723, 250.6461

■ 9.2285, 13.7061,
10.4822

■ 35.2165, 46.4064,
40.1237

■ 4.9488, 7.9166,
5.6101

■ 49.4800, 63.6984,
56.4077

■ 2.2517, 4.0416,
2.5445

■ 67.1528, 84.8270,
76.5910

■ 0.7698, 1.6969,
0.8636

■ 88.6003, 110.1765,
101.0921

■ 0.0000, 0.4216,
0.0000

■ 114.1879,
140.1314, 130.3297

■ 0.0000, 0.0000,
0.0000

144.2809,

175.0760, 164.7222

179.2447,
215.3949, 204.6881

■ 15.4561, 21.7947,
17.5795

■ 15.4561, 21.7947,
17.5795

■ 14.0230, 21.1007,
15.5166

■ 17.1735, 22.6325,
19.8362

■ 12.8559, 20.5393,
13.6407

■ 19.1889, 23.6192,
22.2903

■ 11.9366, 20.1019,
11.9468


■ 21.5169, 24.7630,
24.9471


■ 11.2440, 19.7778,
10.4289

■ 24.1709, 26.0705,
27.8113


■ 10.7522, 19.5536,
9.0808


■ 27.1633, 27.5481,
30.8873

 10.5072, 19.4433,
8.3458

 30.5058, 29.2019,
34.1797

 34.2097, 31.0374,
37.6926

 38.2857, 33.0601,
41.4300

 42.7440, 35.2753,
45.3961

Harmonies

Analogous

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



17.1228, 21.7947, 12.2102



15.4561, 21.7947, 17.5795



15.1224, 21.7947, 26.2221

Triad

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



15.4561, 21.7947, 17.5795



21.5678, 21.7947, 46.2329



26.0570, 21.7947, 14.3800

Complementary

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



15.4561, 21.7947, 17.5795



16.7059, 12.4251, 16.8479

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.



27.5405, 21.7947, 21.4024



15.4561, 21.7947, 17.5795



24.7779, 21.7947, 40.8718

Square

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



15.4561, 21.7947, 17.5795



18.4383, 21.7947, 44.4317



27.0495, 21.7947, 31.1717



23.1723, 21.7947, 10.7279

Rectangle

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



15.4561, 21.7947, 17.5795



15.6646, 21.7947, 33.0678



27.0495, 21.7947, 31.1717



26.7491, 21.7947, 16.3409

Sweetspot

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



15.4567, 21.7956, 17.5800



38.8419, 44.4973, 45.0176



17.6275, 23.0643, 10.9203



8.4790, 9.8419, 9.8366



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.



15.4567, 21.7956, 17.5800



25.0738, 37.7680, 27.7285



17.4054, 22.5751, 27.8416



5.4413, 6.0687, 6.2896



9.5881, 17.7311, 7.6510



0.1026, 0.1739, 0.1309

Inverse Universe

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



16.7059, 12.4251, 16.8479



27.6163, 18.6808, 26.2278



15.2688, 11.8503, 9.2806



5.5213, 5.4690, 6.2431



11.1835, 5.6304, 6.6174



0.1181, 0.0583, 0.1220

Previews

White Background



This preview shows how the XYZ color 15.4561, 21.7947, 17.5795 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 15.4561, 21.7947, 17.5795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

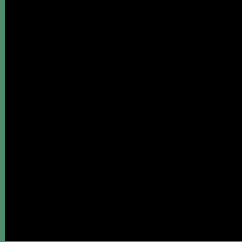
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.4561, 21.7947, 17.5795

Background



This preview shows how black text looks on a background with the XYZ color 15.4561, 21.7947, 17.5795.



This preview shows how white text looks on a background with the XYZ color 15.4561, 21.7947,

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

15.4561, 21.7947, 17.5795

Protanopia

20.2708, 21.6319, 15.6774

Deuteranopia

21.8616, 21.4468, 18.3166



Tritanopia

18.0951, 21.7896, 30.8559

Trichromacy



Original Color

15.4561, 21.7947, 17.5795

Protanomaly

17.9565, 21.4194, 16.2846

Deuteranomaly

18.8779, 21.2505, 18.1457

Tritanomaly

17.0684, 21.8017, 25.4989

Monochromacy



Original Color

15.4561, 21.7947, 17.5795

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.3928, 19.3596, 19.0924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4561, 21.7947, 17.5795 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(79, 141, 108)` looks like.

```
.text, #text, p{  
    color:rgb(79, 141, 108)  
}
```

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(79, 141, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 141, 108) }
```

Border

The CSS property to change the border of an element to XYZ 15.4561, 21.7947, 17.5795 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(79, 141, 108) }
```


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

```
.border{ border-color:rgb(79, 141, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 141, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 141, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 141, 108);  
box-shadow:4px 4px 4px 4px rgb(79, 141,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4561, 21.7947, 17.5795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 141, 108) }
```

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

```
.background{ background-color: rgb(79, 141,  
108) }
```

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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