

Converting Colors

XYZ(15.0305, 22.0235, 17.6827)

Have a look what the booklet for
XYZ(15.0305, 22.0235, 17.6827)
contains.

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Color

**XYZ(14.9835, 21.9928,
17.6427)**

Conversions

Conversions Part 1

Format	Color
Hex	458F6C
RGB	69, 143, 108
RGB Percent	27%, 56%, 42%
CMY	0.7294, 0.4392, 0.5765
CMYK	0.52, 0.00, 0.24, 0.44
HSL	152°, 35%, 42%
HSV	152°, 52%, 56%
XYZ	14.9835, 21.9928, 17.6427
YIQ	116.8840, -32.8690, -26.5730

Conversions

Conversions Part 2

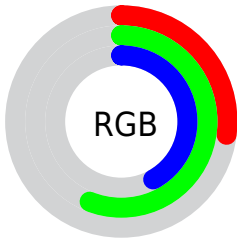
Format	Color
R _Y B	69, 117, 143
Decimal	4558700
CIE Lab	54.02, -31.71, 11.69
CIE LCh	54, 33.791, 159.763
Yxy	21.9928, 0.2743, 0.4027
Android (android.graphics.Color)	4282748780 (0xFF458F6C)
YUV	116.8840, -4.3798, -41.9943
Hunter-Lab	46.8965, -25.0378, 10.5223

Details

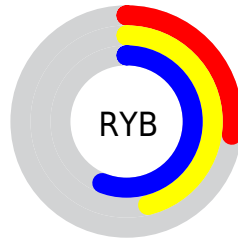
The XYZ color **14.9835, 21.9928, 17.6427** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.9553, 11.0960, 14.3984**, and the grayscale version is **16.8935, 17.7733, 19.3551**.

A 20% lighter version of the original color is **34.2503, 46.5733, 39.9853**, and **4.7179, 8.0193, 5.5742** is the 20% darker color. If you saturate the color by 10%, you get **13.7427, 21.3937, 15.7781**, and if you desaturate by 10%, it is **16.4979, 22.7309, 19.6669**.

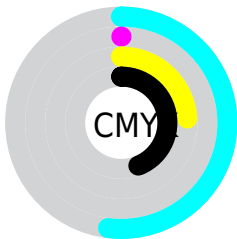
Distribution



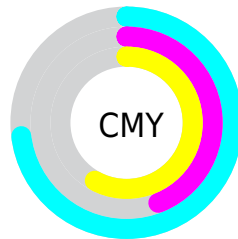
- Red (27%)
- Green (56%)
- Blue (42%)



- Red (27%)
- Yellow (46%)
- Blue (56%)



- Cyan (52%)
- Magenta (0%)
- Yellow (24%)
- Black (44%)



- Cyan (73%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9835, 21.9928, 17.6427 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 14.9835, 21.9928, 17.6427 by changing the saturation by 10% instead.

■ 14.9835, 21.9928,
17.6427

■ 14.9835, 21.9928,
17.6427

216.6567,
262.5087, 251.0175

■ 8.8940, 13.8516,
10.5270

■ 34.3961, 46.7341,
40.2332

■ 4.7287, 8.0175,
5.6396

■ 48.4500, 64.1030,
56.5451

■ 2.1221, 4.1062,
2.5620

■ 65.8894, 85.3166,
76.7595

■ 0.7012, 1.7331,
0.8727

■ 87.0797, 110.7592,
101.2949

■ 0.0000, 0.4450,
0.0000

■ 112.3862,
140.8154, 130.5698

■ 0.0000, 0.0000,
0.0000

142.1743,

175.8694, 165.0029

176.8093,
216.3057, 205.0126

■ 14.9835, 21.9928,
17.6427

■ 14.9835, 21.9928,
17.6427

■ 13.7427, 21.3937,
15.7781

■ 16.4979, 22.7309,
19.6669

■ 12.7553, 20.9215,
14.0675

■ 18.3008, 23.6138,
21.8531

■ 12.0009, 20.5664,
12.5068

■ 20.4082, 24.6503,
24.2056

■ 11.4549, 20.3157,
11.0916

■ 22.8342, 25.8476,
26.7282

■ 11.1053, 20.1587,
10.0278

■ 25.5921, 27.2126,
29.4243

■ 28.6945, 28.7515,
32.2973

■ 32.1531, 30.4705,
35.3506

■ 35.9792, 32.3752,
38.5874

■ 40.1835, 34.4712,
42.0108

Harmonies

Analogous

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



16.7265, 21.9928, 11.5766



14.9835, 21.9928, 17.6427



14.7194, 21.9928, 27.5208

Triad

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



14.9835, 21.9928, 17.6427



22.1169, 21.9928, 49.7327



26.7785, 21.9928, 13.2500

Complementary

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



14.9835, 21.9928, 17.6427



15.9553, 11.0960, 14.3984

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.



28.6146, 21.9928, 20.6958



14.9835, 21.9928, 17.6427



25.7237, 21.9928, 42.9678

Square

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



14.9835, 21.9928, 17.6427



18.5677, 21.9928, 48.2022



28.2076, 21.9928, 31.5970



23.4274, 21.9928, 9.6006

Rectangle

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



14.9835, 21.9928, 17.6427



15.3817, 21.9928, 35.3798



28.2076, 21.9928, 31.5970



27.6101, 21.9928, 15.2871

Sweetspot

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



14.9841, 21.9937, 17.6432



38.8242, 45.2665, 45.7523



16.6957, 23.0646, 9.2026



8.7227, 10.2915, 10.3036



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.



14.9841, 21.9937, 17.6432



24.3047, 38.1647, 27.7582



17.0512, 22.5259, 29.4368



5.4542, 6.0739, 6.3574



9.8295, 17.8277, 8.9223



0.1051, 0.1749, 0.1440

Inverse Universe

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



15.9553, 11.0960, 14.3984



26.2452, 16.4200, 21.2975



14.6073, 10.6794, 6.9221



5.5084, 5.4639, 6.1753



10.9391, 5.5327, 5.3306



0.1156, 0.0573, 0.1089

Previews

White Background



This preview shows how the XYZ color 14.9835, 21.9928, 17.6427 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 14.9835, 21.9928, 17.6427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

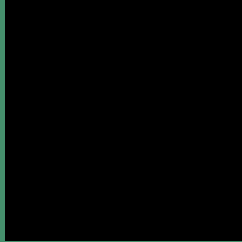
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.9835, 21.9928, 17.6427

Background



This preview shows how black text looks on a background with the XYZ color 14.9835, 21.9928, 17.6427.



This preview shows how white text looks on a background with the XYZ color 14.9835, 21.9928,

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

14.9835, 21.9928, 17.6427

Protanopia

20.3847, 21.6963, 15.4253

Deuteranopia

22.1649, 21.7882, 18.3666



Tritanopia

17.8216, 22.0524, 31.7510

Trichromacy



Original Color

14.9835, 21.9928, 17.6427

Protanomaly

17.5683, 21.2193, 16.2665

Deuteranomaly

18.5933, 21.3022, 18.1707

Tritanomaly

16.6617, 22.0139, 25.9252

Monochromacy



Original Color

14.9835, 21.9928, 17.6427

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

15.7536, 18.8459, 18.7269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9835, 21.9928, 17.6427 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(69, 143, 108)` looks like.

```
.text, #text, p{  
    color:rgb(69, 143, 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(69, 143, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 143, 108) }
```

Border

The CSS property to change the border of an element to XYZ 14.9835, 21.9928, 17.6427 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(69, 143, 108) }
```


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

```
.border{ border-color:rgb(69, 143, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 143, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 143, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 143, 108);  
box-shadow:4px 4px 4px 4px rgb(69, 143,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9835, 21.9928, 17.6427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 143, 108) }
```

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

```
.background{ background-color: rgb(69, 143,  
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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