

Converting Colors

XYZ(17.9274, 21.6648, 19.5693)

Have a look what the booklet for
XYZ(17.9274, 21.6648, 19.5693)
contains.

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Color

**XYZ(17.9428, 21.7539,
19.4729)**

Conversions

Conversions Part 1

Format	Color
Hex	6C8773
RGB	108, 135, 115
RGB Percent	42%, 53%, 45%
CMY	0.5765, 0.4706, 0.5490
CMYK	0.20, 0.00, 0.15, 0.47
HSL	136°, 11%, 48%
HSV	136°, 20%, 53%
XYZ	17.9428, 21.7539, 19.4729
YIQ	124.6470, -9.6720, -11.9440

Conversions

Conversions Part 2

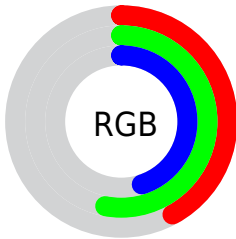
Format	Color
R_{YB}	108, 129, 135
Decimal	7112563
CIE Lab	53.76, -13.88, 7.60
CIE LCh	54, 15.829, 151.295
Yxy	21.7539, 0.3032, 0.3677
Android (android.graphics.Color)	4285302643 (0xFF6C8773)
YUV	124.6470, -4.7560, -14.5994
Hunter-Lab	46.6411, -12.9530, 7.8949

Details

The XYZ color **17.9428, 21.7539, 19.4729** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.2512, 17.4350, 22.7736**, and the grayscale version is **19.3926, 20.4026, 22.2184**.

A 20% lighter version of the original color is **39.4555, 46.2300, 43.4030**, and **6.1251, 7.8629, 6.5051** is the 20% darker color. If you saturate the color by 10%, you get **15.8818, 20.7550, 16.5339**, and if you desaturate by 10%, it is **20.3217, 22.9107, 22.7537**.

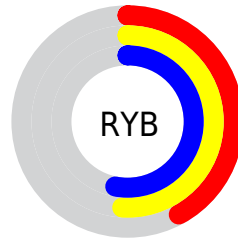
Distribution



Red (42%)

Green (53%)

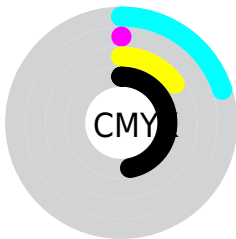
Blue (45%)



Red (42%)

Yellow (51%)

Blue (53%)

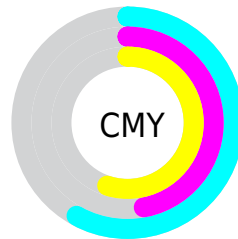


Cyan (20%)

Magenta (0%)

Yellow (15%)

Black (47%)



Cyan (58%)

Magenta (47%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9428, 21.7539, 19.4729 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 17.9428, 21.7539, 19.4729 by changing the saturation by 10% instead.

■ 17.9428, 21.7539,
19.4729

■ 17.9428, 21.7539,
19.4729

233.6003,
261.2584, 261.5563

■ 11.0084, 13.6762,
11.8322

■ 39.4707, 46.3389,
43.3790

■ 6.1398, 7.8958,
6.5084

■ 54.7948, 63.6150,
60.4814

■ 2.9717, 4.0283,
3.0829

■ 73.6463, 84.7260,
81.5749

■ 1.1388, 1.6894,
1.1371

■ 96.3904, 110.0563,
107.0779

■ 0.0572, 0.4168,
0.0000

123.3925,
139.9903, 137.4090

■ 0.0000, 0.0000,
0.0000

155.0179,

174.9123, 172.9868

191.6320,
215.2069, 214.2297

■ 17.9428, 21.7539,
19.4729

■ 17.9428, 21.7539,
19.4729

■ 15.8818, 20.7550,
16.5339

■ 20.3217, 22.9107,
22.7537

■ 14.1233, 19.9044,
13.9242

■ 23.0296, 24.2291,
26.3852

■ 12.6533, 19.1957,
11.6326

■ 26.0791, 25.7160,
30.3780

■ 11.4557, 18.6211,
9.6471

■ 29.4816, 27.3770,
34.7418

■ 10.5131, 18.1716,
7.9544

■ 33.2483, 29.2177,
39.4857

■ 9.8059, 17.8376,
6.5405

■ 37.3894, 31.2432,
44.6188

■ 9.3115, 17.6077,
5.3904

■ 41.9151, 33.4585,
50.1496

■ 8.9678, 17.4502,
4.4857

■ 46.8349, 35.8685,
56.0866

■ 52.1582, 38.4777,
62.4378

Harmonies

Analogous

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



19.0264, 21.7539, 16.5607



17.9428, 21.7539, 19.4729



17.5809, 21.7539, 23.8982

Triad

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



17.9428, 21.7539, 19.4729



20.7503, 21.7539, 34.3187



23.5938, 21.7539, 19.1535

Complementary

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



17.9428, 21.7539, 19.4729



19.2512, 17.4350, 22.7736

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.



24.1155, 21.7539, 23.4756



17.9428, 21.7539, 19.4729



22.4192, 21.7539, 32.6089

Square

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



17.9428, 21.7539, 19.4729



19.1475, 21.7539, 32.8711



23.6745, 21.7539, 28.4674



22.2846, 21.7539, 16.3948

Rectangle

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



17.9428, 21.7539, 19.4729



17.7810, 21.7539, 27.2471



23.6745, 21.7539, 28.4674



23.8702, 21.7539, 20.4501

Sweetspot

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



17.9434, 21.7548, 19.4734



38.1945, 41.9046, 43.1846



20.3113, 23.0203, 17.5604



8.7854, 9.6754, 9.9203



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.9434, 21.7548, 19.4734



30.3882, 38.1107, 32.4093



18.7617, 22.0822, 23.7827



4.6622, 5.2231, 5.2324



8.2739, 16.0924, 4.1621



0.0313, 0.0568, 0.0283

Inverse Universe

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



19.2512, 17.4350, 22.7736



33.1716, 28.9144, 39.4310



18.4350, 17.1085, 18.4753



4.8077, 4.7428, 5.5997



11.3403, 5.6005, 11.6304



0.0423, 0.0206, 0.0560

Previews

White Background



This preview shows how the XYZ color 17.9428, 21.7539, 19.4729 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 17.9428, 21.7539, 19.4729 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

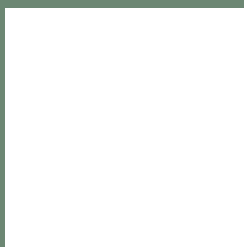
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9428, 21.7539, 19.4729

Background



This preview shows how black text looks on a background with the XYZ color 17.9428, 21.7539, 19.4729.



This preview shows how white text looks on a background with the XYZ color 17.9428, 21.7539,

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

17.9428, 21.7539, 19.4729

Protanopia

20.4199, 21.6544, 18.1424

Deuteranopia

22.0956, 21.7194, 19.8573



Tritanopia

19.8088, 21.6963, 28.7350

Trichromacy



Original Color

17.9428, 21.7539, 19.4729

Protanomaly

19.4984, 21.7624, 18.5021

Deuteranomaly

20.3873, 21.6048, 19.6186

Tritanomaly

18.9717, 21.5480, 24.9891

Monochromacy



Original Color

17.9428, 21.7539, 19.4729

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.9092, 21.0029, 21.1465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9428, 21.7539, 19.4729 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(108, 135, 115)` looks like.

```
.text, #text, p{  
    color:rgb(108, 135, 115)  
}
```

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(108, 135, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 135, 115) }
```

Border

The CSS property to change the border of an element to XYZ 17.9428, 21.7539, 19.4729 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(108, 135, 115) }
```


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

```
.border{ border-color:rgb(108, 135, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 135, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 135, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 135, 115);  
box-shadow:4px 4px 4px 4px rgb(108, 135,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9428, 21.7539, 19.4729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 135, 115) }
```

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

```
.background{ background-color: rgb(108,  
135, 115) }
```

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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