

Converting Colors

XYZ(21.8435, 28.2956, 19.0808)

Have a look what the booklet for
XYZ(21.8435, 28.2956, 19.0808)
contains.

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Color

**XYZ(21.8719, 28.3504,
19.0712)**

Conversions

Conversions Part 1

Format	Color
Hex	759B6E
RGB	117, 155, 110
RGB Percent	46%, 61%, 43%
CMY	0.5412, 0.3921, 0.5686
CMYK	0.25, 0.00, 0.29, 0.39
HSL	111°, 18%, 52%
HSV	111°, 29%, 61%
XYZ	21.8719, 28.3504, 19.0712
YIQ	138.5080, -8.2030, -22.0510

Conversions

Conversions Part 2

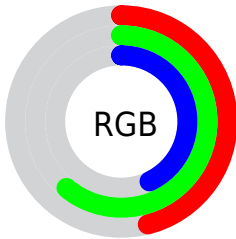
Format	Color
R_{YB}	110, 155, 148
Decimal	7707502
CIE _{Lab}	60.20, -22.07, 19.48
CIE _{LCh}	60, 29.438, 138.557
Yxy	28.3504, 0.3156, 0.4091
Android (android.graphics.Color)	4285897582 (0xFF759B6E)
YUV	138.5080, -14.0544, -18.8625
Hunter-Lab	53.2451, -19.8551, 16.0352

Details

The XYZ color **21.8719, 28.3504, 19.0712** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.7063, 19.8151, 33.5871**, and the grayscale version is **24.4067, 25.6777, 27.9630**.

A 20% lighter version of the original color is **46.1457, 57.2479, 42.8002**, and **8.1346, 11.4417, 6.3372** is the 20% darker color. If you saturate the color by 10%, you get **19.4634, 27.1988, 14.9320**, and if you desaturate by 10%, it is **24.6755, 29.6903, 24.0008**.

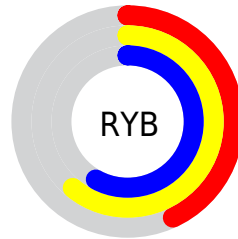
Distribution



Red (46%)

Green (61%)

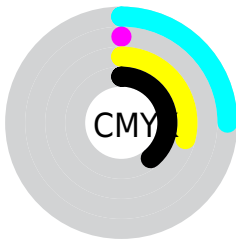
Blue (43%)



Red (43%)

Yellow (61%)

Blue (58%)

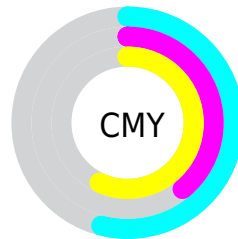


Cyan (25%)

Magenta (0%)

Yellow (29%)

Black (39%)



Cyan (54%)

Magenta (39%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8719, 28.3504, 19.0712 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 21.8719, 28.3504, 19.0712 by changing the saturation by 10% instead.

■ 21.8719, 28.3504,
19.0712

■ 21.8719, 28.3504,
19.0712

254.5215,
294.1375, 259.2774

■ 13.8789, 18.5900,
11.5444

■ 46.0146, 57.0434,
42.6927

■ 8.1176, 11.3744,
6.3155

■ 62.8950, 76.7447,
59.6244

■ 4.2227, 6.3192,
2.9660

■ 83.4686, 100.5285,
80.5283

■ 1.8289, 3.0402,
1.0773

■ 108.1007,
128.7791, 105.8227

■ 0.5350, 1.1527,
0.0000

137.1567,
161.8809, 135.9263

■ 0.0000, 0.0226,
0.0000

171.0019,

■ 0.0000, 0.0000,

200.2183, 171.2576

0.0000

210.0018,
244.1757, 212.2351

■ 21.8719, 28.3504,
19.0712

■ 21.8719, 28.3504,
19.0712

■ 19.4634, 27.1988,
14.9320

■ 24.6755, 29.6903,
24.0008

■ 17.4300, 26.2234,
11.5402

■ 27.8886, 31.2227,
29.7568

■ 15.7531, 25.4167,
8.8519

■ 31.5278, 32.9560,
36.3754

■ 14.4118, 24.7689,
6.8176

■ 35.6079, 34.8973,
43.8902

■ 13.3827, 24.2691,
5.3814

■ 40.1431, 37.0531,
52.3328

■ 12.6396, 23.9052,
4.4783

■ 45.1468, 39.4298,
61.7333

■ 12.1403, 23.6586,
3.9697

■ 50.6322, 42.0333,
72.1205

■ 12.1012, 23.6394,
3.9251

■ 56.6115, 44.8696,
83.5220

■ 63.0969, 47.9443,
95.9642

Harmonies

Analogous

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



24.7056, 28.3504, 15.0806



21.8719, 28.3504, 19.0712



20.4506, 28.3504, 26.9324

Triad

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



21.8719, 28.3504, 19.0712



25.5342, 28.3504, 55.9988



34.4147, 28.3504, 24.7251

Complementary

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



21.8719, 28.3504, 19.0712



23.7063, 19.8151, 33.5871

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.



34.6893, 28.3504, 35.1711



21.8719, 28.3504, 19.0712



29.3183, 28.3504, 55.0135

Square

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



21.8719, 28.3504, 19.0712



22.4297, 28.3504, 49.1814



32.7503, 28.3504, 46.7397



32.0317, 28.3504, 17.7809

Rectangle

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



21.8719, 28.3504, 19.0712



20.3980, 28.3504, 34.0601



32.7503, 28.3504, 46.7397



34.7644, 28.3504, 27.8833

Sweetspot

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



21.8726, 28.3516, 19.0718



49.8558, 55.8722, 53.1310



26.8449, 29.1190, 18.9579



11.0965, 12.5567, 11.6867



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.8726, 28.3516, 19.0718



36.2241, 49.3632, 29.0711



21.8543, 28.2397, 23.7017



6.2172, 6.9694, 6.6234



9.7414, 18.9978, 3.1535



0.1656, 0.2943, 0.0481

Inverse Universe

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



23.7063, 19.8151, 33.5871



40.0606, 31.4650, 59.4982



23.8281, 20.0146, 27.4193



6.3668, 6.2750, 7.8046



12.2829, 5.7831, 25.3766



0.2060, 0.0980, 0.3804

Previews

White Background



This preview shows how the XYZ color 21.8719, 28.3504, 19.0712 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 21.8719, 28.3504, 19.0712 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 21.8719, 28.3504, 19.0712

Background



This preview shows how black text looks on a background with the XYZ color 21.8719, 28.3504, 19.0712.



This preview shows how white text looks on a background with the XYZ color 21.8719, 28.3504,

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

21.8719, 28.3504, 19.0712

Protanopia

26.1928, 28.2393, 17.4348

Deuteranopia

28.5754, 28.0925, 19.5391



Tritanopia

25.6968, 28.4686, 37.3983

Trichromacy



Original Color

21.8719, 28.3504, 19.0712

Protanomaly

24.3858, 28.2191, 18.0715

Deuteranomaly

25.6277, 27.9047, 19.3647

Tritanomaly

24.1175, 28.2972, 29.7820

Monochromacy



Original Color

21.8719, 28.3504, 19.0712

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.3818, 26.6346, 24.3307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8719, 28.3504, 19.0712 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(117, 155, 110)` looks like.

```
.text, #text, p{  
    color:rgb(117, 155, 110)  
}
```

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(117, 155, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 155, 110) }
```

Border

The CSS property to change the border of an element to XYZ 21.8719, 28.3504, 19.0712 is called "border". The border property can be set on classes, ids or directly on the HTML element.

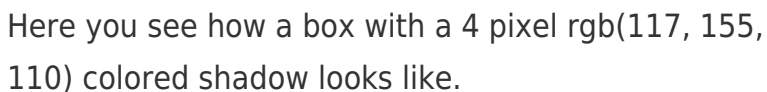
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 155, 110) }
```


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

```
.border{ border-color:rgb(117, 155, 110) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 155, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 155, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 155, 110); box-shadow:4px 4px 4px 4px rgb(117, 155, 110) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8719, 28.3504, 19.0712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 155, 110) }
```

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

```
.background{ background-color: rgb(117,  
155, 110) }
```

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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