

Converting Colors

XYZ(18.2717, 22.9207, 22.5299)

Have a look what the booklet for
XYZ(18.2717, 22.9207, 22.5299)
contains.

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Color

**XYZ(18.2717, 22.9207,
22.5299)**

Conversions

Conversions Part 1

Format	Color
Hex	648C7C
RGB	100, 140, 124
RGB Percent	39%, 55%, 49%
CMY	0.6078, 0.4510, 0.5137
CMYK	0.29, 0.00, 0.11, 0.45
HSL	156°, 17%, 47%
HSV	156°, 29%, 55%
XYZ	18.2717, 22.9207, 22.5299
YIQ	126.2160, -18.7040, -13.4560

Conversions

Conversions Part 2

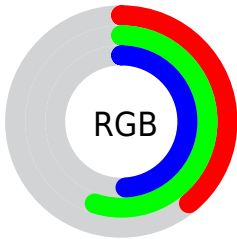
Format	Color
R_{YB}	100, 125, 140
Decimal	6589564
CIE _{Lab}	54.99, -17.42, 4.10
CIE _{LCh}	55, 17.901, 166.748
Y _{xy}	22.9207, 0.2867, 0.3597
Android (android.graphics.Color)	4284779644 (0xFF648C7C)
YUV	126.2160, -1.0925, -22.9914
Hunter-Lab	47.8756, -15.6578, 5.6114

Details

The XYZ color **18.2717, 22.9207, 22.5299** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.5256, 15.9513, 18.6265**, and the grayscale version is **19.9134, 20.9504, 22.8150**.

A 20% lighter version of the original color is **40.0772, 48.3936, 48.3029**, and **6.2914, 8.5241, 7.9703** is the 20% darker color. If you saturate the color by 10%, you get **16.5102, 22.0530, 20.6511**, and if you desaturate by 10%, it is **20.3207, 23.9355, 24.5282**.

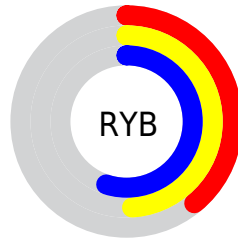
Distribution



Red (39%)

Green (55%)

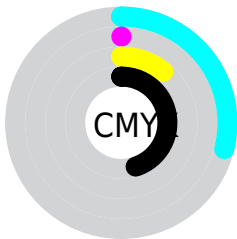
Blue (49%)



Red (39%)

Yellow (49%)

Blue (55%)

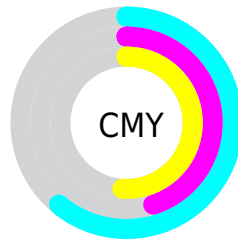


Cyan (29%)

Magenta (0%)

Yellow (11%)

Black (45%)



Cyan (61%)

Magenta (45%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2717, 22.9207, 22.5299 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 18.2717, 22.9207, 22.5299 by changing the saturation by 10% instead.

■ 18.2717, 22.9207,
22.5299

■ 18.2717, 22.9207,
22.5299

235.4141,
267.3174, 278.3444

■ 11.2461, 14.5350,
14.0448

■ 40.0262, 48.2631,
48.5336

■ 6.3011, 8.4937,
8.0127

■ 55.4858, 65.9885,
66.8893

■ 3.0714, 4.4124,
4.0152

■ 74.4875, 87.5960,
89.3722

■ 1.1916, 1.9068,
1.6337

■ 97.3966, 113.4699,
116.4009

■ 0.0998, 0.5525,
0.3147

124.5785,
143.9945, 148.3939

■ 0.0000, 0.0000,
0.0000

156.3984,

179.5544, 185.7698

193.2219,
220.5339, 228.9472

■ 18.2717, 22.9207,
22.5299

■ 18.2717, 22.9207,
22.5299

■ 16.5102, 22.0530,
20.6511

■ 20.3207, 23.9355,
24.5282

■ 15.0204, 21.3225,
18.8878

■ 22.6683, 25.1013,
26.6466

■ 13.7878, 20.7223,
17.2381

■ 25.3272, 26.4252,
28.8881

■ 12.7956, 20.2438,
15.6994

■ 28.3090, 27.9130,
31.2545

■ 12.0252, 19.8775,
14.2689

■ 31.6245, 29.5705,
33.7482

■ 11.4546, 19.6121,
12.9437

■ 35.2839, 31.4027,
36.3711

■ 11.0352, 19.4225,
11.7195

■ 39.2973, 33.4149,
39.1251

■ 10.9786, 19.3970,
11.5524

■ 43.6741, 35.6118,
42.0122

■ 48.4234, 37.9982,
45.0343

Harmonies

Analogous

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



19.1176, 22.9207, 18.1805



18.2717, 22.9207, 22.5299



18.3255, 22.9207, 28.2471

Triad

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



18.2717, 22.9207, 22.5299



22.9059, 22.9207, 36.9794



24.5117, 22.9207, 17.8007

Complementary

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



18.2717, 22.9207, 22.5299



18.5256, 15.9513, 18.6265

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.



25.6556, 22.9207, 21.9324



18.2717, 22.9207, 22.5299



24.6906, 22.9207, 33.2368

Square

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



18.2717, 22.9207, 22.5299



20.9207, 22.9207, 37.2046



25.7230, 22.9207, 27.5519



22.6737, 22.9207, 15.7436

Rectangle

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



18.2717, 22.9207, 22.5299



18.8632, 22.9207, 32.0982



25.7230, 22.9207, 27.5519



24.9949, 22.9207, 18.9619

Sweetspot

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



18.2723, 22.9216, 22.5304



39.6922, 44.1180, 46.7404



18.9705, 23.4361, 15.5807



9.0152, 10.1008, 10.6551



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.



18.2723, 22.9216, 22.5304



30.2465, 39.4397, 37.6602



18.8882, 22.4004, 28.1402



5.0895, 5.6553, 5.9924



9.7645, 17.2384, 10.3164



0.0721, 0.1174, 0.1067

Inverse Universe

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



18.5256, 15.9513, 18.6265



30.7665, 25.1583, 29.6672



17.9996, 16.2631, 14.2474



5.1104, 5.0796, 5.6696



10.2534, 5.2115, 3.8389



0.0750, 0.0374, 0.0618

Previews

White Background



This preview shows how the XYZ color 18.2717, 22.9207, 22.5299 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 18.2717, 22.9207, 22.5299 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 18.2717, 22.9207, 22.5299

Background



This preview shows how black text looks on a background with the XYZ color 18.2717, 22.9207, 22.5299.



This preview shows how white text looks on a background with the XYZ color 18.2717, 22.9207,

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

18.2717, 22.9207, 22.5299

Protanopia

21.5994, 22.7987, 20.7150

Deuteranopia

23.0972, 22.7308, 23.2488



Tritanopia

20.1167, 23.0327, 31.4025

Trichromacy



Original Color

18.2717, 22.9207, 22.5299

Protanomaly

20.1447, 22.6416, 21.3977

Deuteranomaly

21.0704, 22.6760, 23.0050

Tritanomaly

19.3422, 22.9246, 27.8315

Monochromacy



Original Color

18.2717, 22.9207, 22.5299

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.1541, 21.4952, 22.5415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2717, 22.9207, 22.5299 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(100, 140, 124)` looks like.

```
.text, #text, p{  
    color:rgb(100, 140, 124)  
}
```

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(100, 140, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 140, 124) }
```

Border

The CSS property to change the border of an element to XYZ 18.2717, 22.9207, 22.5299 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(100, 140, 124) }
```


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

```
.border{ border-color:rgb(100, 140, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 140, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 140, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 140, 124);  
box-shadow:4px 4px 4px 4px rgb(100, 140,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2717, 22.9207, 22.5299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 140, 124) }
```

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

```
.background{ background-color: rgb(100,  
140, 124) }
```

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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