

Converting Colors

XYZ(17.9215, 22.6950, 24.5551)

Have a look what the booklet for
XYZ(17.9215, 22.6950, 24.5551)
contains.

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Color

**XYZ(17.9215, 22.6950,
24.5551)**

Conversions

Conversions Part 1

Format	Color
Hex	5D8C82
RGB	93, 140, 130
RGB Percent	36%, 55%, 51%
CMY	0.6353, 0.4510, 0.4902
CMYK	0.34, 0.00, 0.07, 0.45
HSL	167°, 20%, 46%
HSV	167°, 34%, 55%
XYZ	17.9215, 22.6950, 24.5551
YIQ	124.8070, -24.8020, -13.0740

Conversions

Conversions Part 2

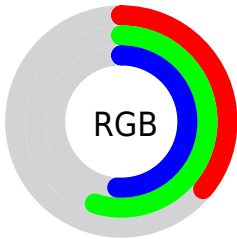
Format	Color
R_{YB}	93, 119, 140
Decimal	6130818
CIE _{Lab}	54.76, -18.27, 0.26
CIE _{LCh}	55, 18.274, 179.194
Yxy	22.6950, 0.2750, 0.3482
Android (android.graphics.Color)	4284320898 (0xFF5D8C82)
YUV	124.8070, 2.5601, -27.8947
Hunter-Lab	47.6393, -16.2185, 2.7872

Details

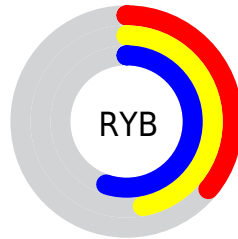
The XYZ color **17.9215, 22.6950, 24.5551** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.1785, 14.3839, 14.7037**, and the grayscale version is **19.4262, 20.4379, 22.2569**.

A 20% lighter version of the original color is **39.5161, 48.0222, 51.9862**, and **6.1801, 8.4419, 9.0883** is the 20% darker color. If you saturate the color by 10%, you get **16.4352, 21.9521, 23.4571**, and if you desaturate by 10%, it is **19.6743, 23.5758, 25.6968**.

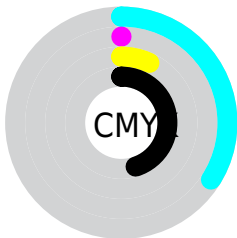
Distribution



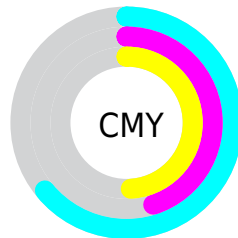
- Red (36%)
- Green (55%)
- Blue (51%)



- Red (36%)
- Yellow (47%)
- Blue (55%)



- Cyan (34%)
- Magenta (0%)
- Yellow (7%)
- Black (45%)



- Cyan (64%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9215, 22.6950, 24.5551 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 17.9215, 22.6950, 24.5551 by changing the saturation by 10% instead.

■ 17.9215, 22.6950,
24.5551

■ 17.9215, 22.6950,
24.5551

233.4824,
266.1546, 288.9914

■ 10.9930, 14.3685,
15.5299

■ 39.4346, 47.8920,
51.8897

■ 6.1294, 8.3774,
9.0414

■ 54.7500, 65.5313,
71.0361

■ 2.9653, 4.3374,
4.6710

■ 73.5917, 87.0436,
94.3934

■ 1.1354, 1.8640,
2.0002

■ 96.3250, 112.8134,
122.3801

■ 0.0545, 0.5266,
0.5554

123.3154,
143.2249, 155.4147

■ 0.0000, 0.0000,
0.0000

154.9282,

178.6627, 193.9158

191.5287,
219.5111, 238.3018

■ 17.9215, 22.6950,
24.5551

■ 17.9215, 22.6950,
24.5551

■ 16.4352, 21.9521,
23.4571

■ 19.6743, 23.5758,
25.6968

■ 15.1993, 21.3371,
22.4003

■ 21.7049, 24.5985,
26.8814

■ 14.1988, 20.8428,
21.3843

■ 24.0262, 25.7703,
28.1104

■ 13.4165, 20.4603,
20.4079

■ 26.6497, 27.0973,
29.3845

■ 12.8324, 20.1793,
19.4701

■ 29.5862, 28.5849,
30.7045

■ 12.4228, 19.9877,
18.5693

■ 32.8461, 30.2386,
32.0711

■ 12.2045, 19.8873,
18.0075

■ 36.4393, 32.0634,
33.4849

■ 40.3752, 34.0642,
34.9467

■ 44.6629, 36.2456,
36.4571

Harmonies

Analogous

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



18.4090, 22.6950, 19.4490



17.9215, 22.6950, 24.5551



18.3600, 22.6950, 30.5329

Triad

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



17.9215, 22.6950, 24.5551



23.5180, 22.6950, 35.7280



23.6182, 22.6950, 16.3476

Complementary

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



17.9215, 22.6950, 24.5551



17.1785, 14.3839, 14.7037

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.



25.1360, 22.6950, 19.6806



17.9215, 22.6950, 24.5551



25.0756, 22.6950, 30.8455

Square

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



17.9215, 22.6950, 24.5551



21.5164, 22.6950, 37.5607



25.6849, 22.6950, 24.8676



21.6255, 22.6950, 15.1874

Rectangle

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



17.9215, 22.6950, 24.5551



19.1349, 22.6950, 34.1055



25.6849, 22.6950, 24.8676



24.2053, 22.6950, 17.2226

Sweetspot

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



17.9221, 22.6959, 24.5556



39.5825, 44.0310, 48.1108



16.9691, 22.4418, 13.7936



9.0071, 10.0884, 11.0244



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.



17.9221, 22.6959, 24.5556



29.6452, 39.0358, 41.8754



16.7970, 19.3184, 27.6555



5.1280, 5.6707, 6.1952



10.8511, 17.6730, 16.0384



0.0774, 0.1195, 0.1343

Inverse Universe

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



17.1785, 14.3839, 14.7037



28.1377, 22.1446, 21.8736



17.9784, 16.7398, 12.6398



5.0736, 5.0649, 5.4761



9.8220, 5.0389, 1.5672



0.0698, 0.0353, 0.0343

Previews

White Background



This preview shows how the XYZ color 17.9215, 22.6950, 24.5551 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 17.9215, 22.6950, 24.5551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

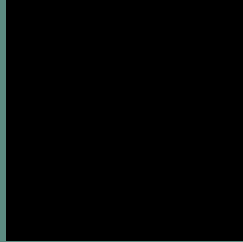
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.9215, 22.6950, 24.5551

Background



This preview shows how black text looks on a background with the XYZ color 17.9215, 22.6950, 24.5551.



This preview shows how white text looks on a background with the XYZ color 17.9215, 22.6950,

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

17.9215, 22.6950, 24.5551

Protanopia

21.4522, 22.4888, 22.2789

Deuteranopia

22.8498, 22.3659, 25.3030



Tritanopia

19.2207, 22.5708, 31.3605

Trichromacy



Original Color

17.9215, 22.6950, 24.5551

Protanomaly

19.8987, 22.4785, 23.0287

Deuteranomaly

20.5933, 22.1836, 25.0263

Tritanomaly

18.7201, 22.5868, 28.5723

Monochromacy



Original Color

17.9215, 22.6950, 24.5551

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.6234, 21.0083, 23.1521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9215, 22.6950, 24.5551 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(93, 140, 130)` looks like.

```
.text, #text, p{  
    color:rgb(93, 140, 130)  
}
```

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(93, 140, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 140, 130) }
```

Border

The CSS property to change the border of an element to XYZ 17.9215, 22.6950, 24.5551 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(93, 140, 130) }
```


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

```
.border{ border-color:rgb(93, 140, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 140, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 140, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 140, 130);  
box-shadow:4px 4px 4px 4px rgb(93, 140,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9215, 22.6950, 24.5551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 140, 130) }
```

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

```
.background{ background-color: rgb(93, 140,  
130) }
```

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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