

Converting Colors

XYZ(18.2674, 22.4353, 27.1210)

Have a look what the booklet for
XYZ(18.2674, 22.4353, 27.1210)
contains.

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Color

**XYZ(18.2199, 22.3628,
27.0231)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8A89
RGB	94, 138, 137
RGB Percent	37%, 54%, 54%
CMY	0.6314, 0.4588, 0.4627
CMYK	0.32, 0.00, 0.01, 0.46
HSL	179°, 19%, 45%
HSV	179°, 32%, 54%
XYZ	18.2199, 22.3628, 27.0231
YIQ	124.7300, -25.9030, -9.6390

Conversions

Conversions Part 2

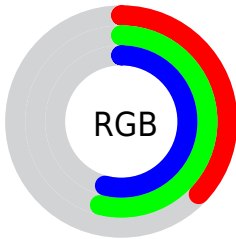
Format	Color
R _Y B	94, 116, 138
Decimal	6195849
CIE Lab	54.41, -15.19, -4.29
CIE LCh	54, 15.788, 195.767
Yxy	22.3628, 0.2695, 0.3308
Android (android.graphics.Color)	4284385929 (0xFF5E8A89)
YUV	124.7300, 6.0491, -26.9502
Hunter-Lab	47.2893, -13.9828, -0.7783

Details

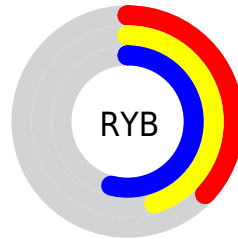
The XYZ color **18.2199, 22.3628, 27.0231** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.5502, 14.2355, 12.7026**, and the grayscale version is **19.3893, 20.3991, 22.2146**.

A 20% lighter version of the original color is **39.9980, 47.5280, 55.7809**, and **6.2922, 8.2255, 10.2729** is the 20% darker color. If you saturate the color by 10%, you get **16.9071, 21.6892, 26.8447**, and if you desaturate by 10%, it is **19.7871, 23.1687, 27.2148**.

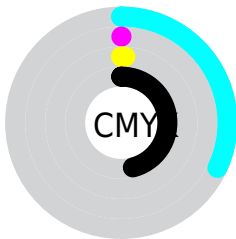
Distribution



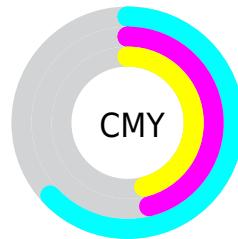
- Red (37%)
- Green (54%)
- Blue (54%)



- Red (37%)
- Yellow (45%)
- Blue (54%)



- Cyan (32%)
- Magenta (0%)
- Yellow (1%)
- Black (46%)



- Cyan (63%)
- Magenta (46%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2199, 22.3628, 27.0231 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 18.2199, 22.3628, 27.0231 by changing the saturation by 10% instead.

■ 18.2199, 22.3628,
27.0231

■ 18.2199, 22.3628,
27.0231

235.1293,
264.4351, 301.5327

■ 11.2086, 14.1237,
17.3580

■ 39.9388, 47.3449,
55.9251

■ 6.2757, 8.2068,
10.3254

■ 55.3772, 64.8567,
75.9991

■ 3.0557, 4.2275,
5.5068

■ 74.3553, 86.2282,
100.3798

■ 1.1833, 1.8016,
2.4837

■ 97.2385, 111.8438,
129.4857

■ 0.0931, 0.4882,
0.8315

124.3921,
142.0879, 163.7354

■ 0.0000, 0.0000,
0.0000

156.1816,

177.3449, 203.5475

192.9722,
217.9992, 249.3404

■ 18.2199, 22.3628,
27.0231

■ 18.2199, 22.3628,
27.0231

■ 16.9071, 21.6892,
26.8447

■ 19.7871, 23.1687,
27.2148

■ 15.8332, 21.1382,
26.6773

■ 21.6193, 24.1106,
27.4187

■ 14.9843, 20.7031,
26.5207

■ 23.7288, 25.1954,
27.6359

■ 14.3438, 20.3755,
26.3743

■ 26.1264, 26.4288,
27.8670

■ 13.8933, 20.1459,
26.2371

■ 28.8227, 27.8162,
28.1124

■ 13.6109, 20.0028,
26.1081

■ 31.8274, 29.3625,
28.3726

■ 13.4523, 19.9231,
26.0069

■ 35.1500, 31.0727,
28.6479

■ 38.7994, 32.9514,
28.9390

■ 42.7844, 35.0031,
29.2460

Harmonies

Analogous

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



18.1992, 22.3628, 22.0874



18.2199, 22.3628, 27.0231



19.0241, 22.3628, 31.8104

Triad

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



18.2199, 22.3628, 27.0231



23.7217, 22.3628, 31.5959



22.0812, 22.3628, 16.2527

Complementary

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



18.2199, 22.3628, 27.0231



16.5502, 14.2355, 12.7026

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.



23.6542, 22.3628, 18.1568



18.2199, 22.3628, 27.0231



24.6355, 22.3628, 26.7606

Square

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



18.2199, 22.3628, 27.0231



22.1694, 22.3628, 34.6843



24.6101, 22.3628, 21.8579



20.3665, 22.3628, 16.3030

Rectangle

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



18.2199, 22.3628, 27.0231



19.9225, 22.3628, 34.0806



24.6101, 22.3628, 21.8579



22.6460, 22.3628, 16.6729

Sweetspot

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



18.2206, 22.3637, 27.0236



38.6929, 42.7990, 48.3905



15.8774, 21.4440, 13.8923



8.5830, 9.5504, 10.8436



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.



18.2206, 22.3637, 27.0236



30.4656, 38.5708, 47.4111



15.6199, 17.0469, 26.5130



5.1680, 5.6867, 6.4057



12.3341, 18.2662, 23.8477



0.0827, 0.1216, 0.1622

Inverse Universe

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



16.5502, 14.2355, 12.7026



27.0601, 21.9959, 18.2112



18.5800, 18.3675, 13.1560



5.0372, 5.0503, 5.2843



9.6264, 4.9607, 0.5368



0.0645, 0.0332, 0.0063

Previews

White Background



This preview shows how the XYZ color 18.2199, 22.3628, 27.0231 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 18.2199, 22.3628, 27.0231 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 18.2199, 22.3628, 27.0231

Background



This preview shows how black text looks on a background with the XYZ color 18.2199, 22.3628, 27.0231.



This preview shows how white text looks on a background with the XYZ color 18.2199, 22.3628,

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

18.2199, 22.3628, 27.0231

Protanopia

21.3752, 22.1918, 24.9866

Deuteranopia

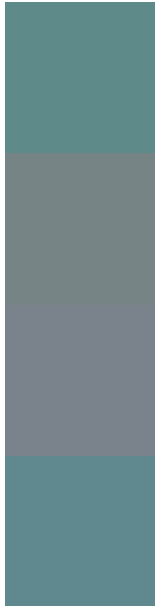
22.6757, 22.2184, 27.9044



Tritanopia

18.8945, 22.2017, 30.8933

Trichromacy



Original Color

18.2199, 22.3628, 27.0231

Protanomaly

20.0256, 22.0753, 25.7598

Deuteranomaly

20.6689, 21.9669, 27.5768

Tritanomaly

18.6229, 22.3074, 29.3108

Monochromacy



Original Color

18.2199, 22.3628, 27.0231

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.8845, 21.1277, 23.8516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2199, 22.3628, 27.0231 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(94, 138, 137)` looks like.

```
.text, #text, p{  
  color:rgb(94, 138, 137)  
}
```

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(94, 138, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 138, 137) }
```

Border

The CSS property to change the border of an element to XYZ 18.2199, 22.3628, 27.0231 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(94, 138, 137) }
```


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

```
.border{ border-color:rgb(94, 138, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 138, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 138, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 138, 137);  
box-shadow:4px 4px 4px 4px rgb(94, 138,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2199, 22.3628, 27.0231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 138, 137) }
```

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

```
.background{ background-color: rgb(94, 138,  
137) }
```

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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