

Converting Colors

XYZ(18.2933, 22.9648, 23.5049)

Have a look what the booklet for
XYZ(18.2933, 22.9648, 23.5049)
contains.

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Color

**XYZ(18.2459, 22.8851,
23.5343)**

Conversions

Conversions Part 1

Format	Color
Hex	628C7F
RGB	98, 140, 127
RGB Percent	38%, 55%, 50%
CMY	0.6157, 0.4510, 0.5020
CMYK	0.30, 0.00, 0.09, 0.45
HSL	161°, 18%, 47%
HSV	161°, 30%, 55%
XYZ	18.2459, 22.8851, 23.5343
YIQ	125.9600, -20.8590, -12.9470

Conversions

Conversions Part 2

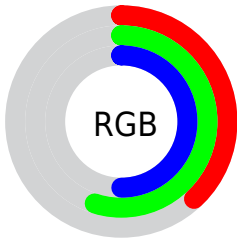
Format	Color
R _{YB}	98, 123, 140
Decimal	6458495
CIE Lab	54.95, -17.40, 2.31
CIE LCh	55, 17.554, 172.446
Yxy	22.8851, 0.2822, 0.3539
Android (android.graphics.Color)	4284648575 (0xFF628C7F)
YUV	125.9600, 0.5127, -24.5209
Hunter-Lab	47.8384, -15.6360, 4.3189

Details

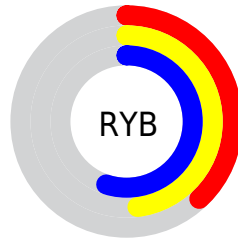
The XYZ color **18.2459, 22.8851, 23.5343** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.0530, 15.4592, 17.0724**, and the grayscale version is **19.8215, 20.8538, 22.7098**.

A 20% lighter version of the original color is **40.1077, 48.3629, 50.4011**, and **6.2979, 8.5154, 8.5194** is the 20% darker color. If you saturate the color by 10%, you get **16.5891, 22.0636, 22.0142**, and if you desaturate by 10%, it is **20.1804, 23.8496, 25.1318**.

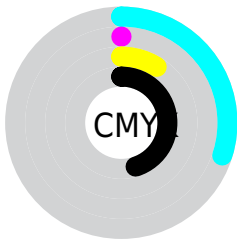
Distribution



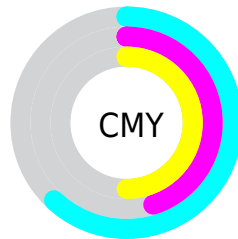
- Red (38%)
- Green (55%)
- Blue (50%)



- Red (38%)
- Yellow (48%)
- Blue (55%)



- Cyan (30%)
- Magenta (0%)
- Yellow (9%)
- Black (45%)



- Cyan (62%)
- Magenta (45%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2459, 22.8851, 23.5343 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 18.2459, 22.8851, 23.5343 by changing the saturation by 10% instead.

■ 18.2459, 22.8851,
23.5343

■ 18.2459, 22.8851,
23.5343

235.2723,
267.1343, 283.6679

■ 11.2274, 14.5087,
14.7795

■ 39.9827, 48.2046,
50.2034

■ 6.2884, 8.4753,
8.5199

■ 55.4317, 65.9165,
68.9549

■ 3.0636, 4.4006,
4.3369

■ 74.4217, 87.5089,
91.8756

■ 1.1875, 1.9001,
1.8119

■ 97.3179, 113.3664,
119.3842

■ 0.0964, 0.5484,
0.4358

124.4857,
143.8733, 151.8992

■ 0.0000, 0.0000,
0.0000

156.2904,

179.4140, 189.8391

193.0975,
220.3729, 233.6225

■ 18.2459, 22.8851,
23.5343

■ 18.2459, 22.8851,
23.5343

■ 16.5891, 22.0636,
22.0142

■ 20.1804, 23.8496,
25.1318

■ 15.1942, 21.3750,
20.5686

■ 22.4035, 24.9609,
26.8065

■ 14.0467, 20.8126,
19.1964

■ 24.9280, 26.2261,
28.5603

■ 13.1297, 20.3677,
17.8960

■ 27.7653, 27.6512,
30.3944

■ 12.4243, 20.0306,
16.6657

■ 30.9262, 29.2415,
32.3102

■ 11.9084, 19.7898,
15.5036

■ 34.4209, 31.0025,
34.3087

■ 11.5205, 19.6137,
14.4060

■ 38.2592, 32.9391,
36.3912

■ 11.5205, 19.6137,
14.4059

■ 42.4505, 35.0562,
38.5588

■ 47.0038, 37.3583,
40.8127

Harmonies

Analogous

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



18.9153, 22.8851, 18.9351



18.2459, 22.8851, 23.5343



18.4703, 22.8851, 29.2421

Triad

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



18.2459, 22.8851, 23.5343



23.2132, 22.8851, 36.2050



24.1153, 22.8851, 17.3448

Complementary

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



18.2459, 22.8851, 23.5343



18.0530, 15.4592, 17.0724

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.



25.4002, 22.8851, 21.0427



18.2459, 22.8851, 23.5343



24.8581, 22.8851, 32.0445

Square

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



18.2459, 22.8851, 23.5343



21.2629, 22.8851, 37.1360



25.6798, 22.8851, 26.3549



22.2477, 22.8851, 15.7252

Rectangle

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



18.2459, 22.8851, 23.5343



19.1032, 22.8851, 32.8811



25.6798, 22.8851, 26.3549



24.6341, 22.8851, 18.3570

Sweetspot

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



18.2465, 22.8860, 23.5348



39.8373, 44.1760, 47.5046



18.1768, 23.0379, 15.0446



9.0532, 10.1160, 10.8550



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.



18.2465, 22.8860, 23.5348



30.1414, 39.3411, 39.6649



18.0634, 21.0750, 27.9278



5.1080, 5.6627, 6.0898



10.2451, 17.4306, 12.8475



0.0746, 0.1184, 0.1200

Inverse Universe

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



18.0530, 15.4592, 17.0724



29.7458, 24.0700, 26.3887



18.1438, 16.7044, 13.8238



5.0925, 5.0724, 5.5755



10.0109, 5.1145, 2.5617



0.0725, 0.0364, 0.0485

Previews

White Background



This preview shows how the XYZ color 18.2459, 22.8851, 23.5343 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 18.2459, 22.8851, 23.5343 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

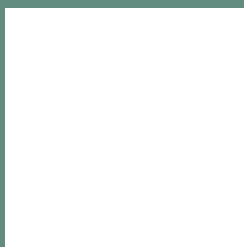
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.2459, 22.8851, 23.5343

Background



This preview shows how black text looks on a background with the XYZ color 18.2459, 22.8851, 23.5343.



This preview shows how white text looks on a background with the XYZ color 18.2459, 22.8851,

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

18.2459, 22.8851, 23.5343

Protanopia

21.7825, 22.8720, 21.6790

Deuteranopia

23.1202, 22.7197, 24.2859



Tritanopia

19.8845, 22.9130, 31.3916

Trichromacy



Original Color

18.2459, 22.8851, 23.5343

Protanomaly

20.1892, 22.6430, 22.3752

Deuteranomaly

20.9661, 22.5995, 24.0260

Tritanomaly

19.1889, 22.8371, 28.2076

Monochromacy



Original Color

18.2459, 22.8851, 23.5343

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.0847, 21.4520, 22.8734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2459, 22.8851, 23.5343 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(98, 140, 127)` looks like.

```
.text, #text, p{  
  color:rgb(98, 140, 127)  
}
```

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(98, 140, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 140, 127) }
```

Border

The CSS property to change the border of an element to XYZ 18.2459, 22.8851, 23.5343 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(98, 140, 127) }
```


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

```
.border{ border-color:rgb(98, 140, 127) }
```

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

Here you see how a box with a 4 pixel rgb(98, 140, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 140, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 140, 127);  
box-shadow:4px 4px 4px 4px rgb(98, 140,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2459, 22.8851, 23.5343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 140, 127) }
```

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

```
.background{ background-color: rgb(98, 140,  
127) }
```

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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