

Converting Colors

XYZ(18.4056, 25.3114, 23.9822)

Have a look what the booklet for
XYZ(18.4056, 25.3114, 23.9822)
contains.

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Color

**XYZ(18.3933, 25.2298,
23.9791)**

Conversions

Conversions Part 1

Format	Color
Hex	54967F
RGB	84, 150, 127
RGB Percent	33%, 59%, 50%
CMY	0.6706, 0.4118, 0.5020
CMYK	0.44, 0.00, 0.15, 0.41
HSL	159°, 28%, 46%
HSV	159°, 44%, 59%
XYZ	18.3933, 25.2298, 23.9791
YIQ	127.6440, -31.9530, -21.1450

Conversions

Conversions Part 2

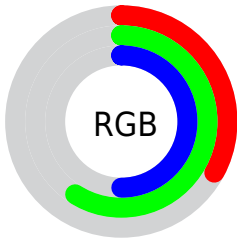
Format	Color
RYB	84, 124, 150
Decimal	5543551
CIELab	57.30, -26.73, 5.60
CIElCh	57, 27.314, 168.171
Yxy	25.2298, 0.2721, 0.3732
Android (android.graphics.Color)	4283733631 (0xFF54967F)
YUV	127.6440, -0.3175, -38.2758
Hunter-Lab	50.2293, -22.5369, 6.8559

Details

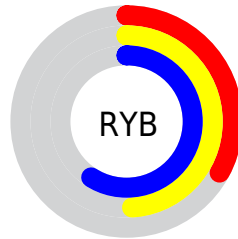
The XYZ color **18.3933, 25.2298, 23.9791** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **18.4027, 13.8869, 15.6215**, and the grayscale version is **20.4042, 21.4668, 23.3773**.

A 20% lighter version of the original color is **40.3861, 52.2763, 51.1418**, and **6.4021, 9.7650, 8.7551** is the 20% darker color. If you saturate the color by 10%, you get **16.8600, 24.4784, 22.1751**, and if you desaturate by 10%, it is **20.2332, 26.1386, 25.8909**.

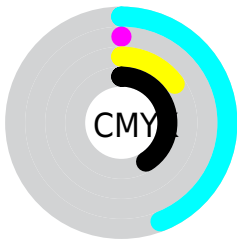
Distribution



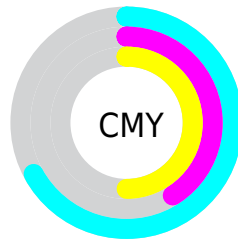
- Red (33%)
- Green (59%)
- Blue (50%)



- Red (33%)
- Yellow (49%)
- Blue (59%)



- Cyan (44%)
- Magenta (0%)
- Yellow (15%)
- Black (41%)



- Cyan (67%)
- Magenta (41%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3933, 25.2298, 23.9791 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 18.3933, 25.2298, 23.9791 by changing the saturation by 10% instead.

■ 18.3933, 25.2298,
23.9791

■ 18.3933, 25.2298,
23.9791

236.0816,
278.9804, 285.9980

■ 11.3341, 16.2483,
15.1061

■ 40.2312, 52.0298,
50.9395

■ 6.3610, 9.7001,
8.7464

■ 55.7407, 70.6171,
69.8639

■ 3.1085, 5.2005,
4.4816

■ 74.7976, 93.1752,
92.9759

■ 1.2114, 2.3654,
1.8931

■ 97.7673, 120.0884,
120.6940

■ 0.1154, 0.8080,
0.4883

■ 125.0152,
151.7411, 153.4367

■ 0.0000, 0.0000,
0.0000

156.9067,

188.5178, 191.6226

193.8070,
230.8027, 235.6701

■ 18.3933, 25.2298,
23.9791

■ 18.3933, 25.2298,
23.9791

■ 16.8600, 24.4784,
22.1751

■ 20.2332, 26.1386,
25.8909

■ 15.6124, 23.8716,
20.4748

■ 22.3948, 27.2104,
27.9108

■ 14.6303, 23.3996,
18.8765


■ 24.8946, 28.4545,
30.0416


■ 13.8897, 23.0502,
17.3775


■ 27.7473, 29.8785,
32.2851

■ 13.3617, 22.8085,
15.9750


■ 30.9669, 31.4894,
34.6434

 13.0985, 22.6902,
15.1768

 34.5665, 33.2940,
37.1183

 38.5584, 35.2986,
39.7116

 42.9547, 37.5095,
42.4250

 47.7666, 39.9323,
45.2603

Harmonies

Analogous

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



19.6379, 25.2298, 17.2219



18.3933, 25.2298, 23.9791



18.5429, 25.2298, 33.4087

Triad

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



18.3933, 25.2298, 23.9791



25.9726, 25.2298, 48.1082



28.3717, 25.2298, 16.2211

Complementary

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



18.3933, 25.2298, 23.9791



18.4027, 13.8869, 15.6215

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.



30.3882, 25.2298, 22.2820



18.3933, 25.2298, 23.9791



28.9196, 25.2298, 41.1445

Square

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



18.3933, 25.2298, 23.9791



22.7277, 25.2298, 48.8531



30.5972, 25.2298, 31.2864



25.2778, 25.2298, 13.4650

Rectangle

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



18.3933, 25.2298, 23.9791



19.4154, 25.2298, 40.0151



30.5972, 25.2298, 31.2864



29.2096, 25.2298, 17.8677

Sweetspot

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



18.3940, 25.2308, 23.9797



44.2841, 50.3897, 53.3020



18.5828, 25.5858, 12.3472



9.6027, 11.0617, 11.6393



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.3940, 25.2308, 23.9797



29.7420, 43.1919, 39.1187



18.5547, 22.8732, 32.2923



5.8791, 6.5282, 6.9744



10.8787, 18.8243, 12.6685



0.1471, 0.2360, 0.2286

Inverse Universe

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



18.4027, 13.8869, 15.6215



29.7684, 20.4690, 22.4204



18.1725, 15.1125, 10.3472



5.8793, 5.8468, 6.4704



10.9649, 5.5910, 3.2964



0.1472, 0.0736, 0.1085

Previews

White Background



This preview shows how the XYZ color 18.3933, 25.2298, 23.9791 looks on a white background.

Color Contrast Check

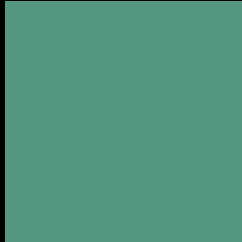
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.3933, 25.2298, 23.9791 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

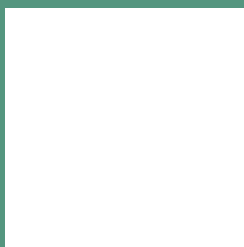
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.3933, 25.2298, 23.9791

Background



This preview shows how black text looks on a background with the XYZ color 18.3933, 25.2298, 23.9791.



This preview shows how white text looks on a background with the XYZ color 18.3933, 25.2298,

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

18.3933, 25.2298, 23.9791

Protanopia

23.5220, 24.8040, 21.3172

Deuteranopia

25.2969, 24.8166, 24.9295



Tritanopia

20.7783, 25.2674, 35.6803

Trichromacy



Original Color

18.3933, 25.2298, 23.9791

Protanomaly

21.1261, 24.6174, 22.3771

Deuteranomaly

22.0143, 24.5890, 24.7050

Tritanomaly

19.7418, 25.0666, 30.9920

Monochromacy



Original Color

18.3933, 25.2298, 23.9791

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.3825, 22.6116, 23.7650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3933, 25.2298, 23.9791 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(84, 150, 127)` looks like.

```
.text, #text, p{  
  color:rgb(84, 150, 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(84, 150, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 150, 127) }
```

Border

The CSS property to change the border of an element to XYZ 18.3933, 25.2298, 23.9791 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(84, 150, 127) }
```


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

```
.border{ border-color:rgb(84, 150, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 150, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 150, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 150, 127);  
box-shadow:4px 4px 4px 4px rgb(84, 150,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3933, 25.2298, 23.9791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 150, 127) }
```

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

```
.background{ background-color: rgb(84, 150,  
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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