

Converting Colors

XYZ(18.0943, 25.0270, 33.5145)

Have a look what the booklet for
XYZ(18.0943, 25.0270, 33.5145)
contains.

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Color

**XYZ(18.1503, 25.1303,
33.5998)**

Conversions

Conversions Part 1

Format	Color
Hex	349798
RGB	52, 151, 152
RGB Percent	20%, 59%, 60%
CMY	0.7961, 0.4078, 0.4039
CMYK	0.66, 0.01, 0.00, 0.40
HSL	181°, 49%, 40%
HSV	181°, 66%, 60%
XYZ	18.1503, 25.1303, 33.5998
YIQ	121.5130, -59.3250, -20.6770

Conversions

Conversions Part 2

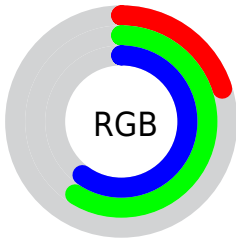
Format	Color
R_{YB}	52, 102, 152
Decimal	3446680
CIE _{Lab}	57.20, -27.60, -8.94
CIE _{LCh}	57, 29.010, 197.952
Yxy	25.1303, 0.2361, 0.3269
Android (android.graphics.Color)	4281636760 (0xFF349798)
YUV	121.5130, 15.0301, -60.9629
Hunter-Lab	50.1301, -23.0994, -4.6481

Details

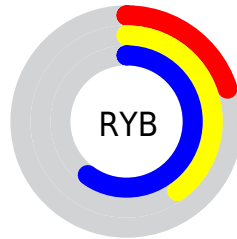
The XYZ color **18.1503, 25.1303, 33.5998** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **14.8424, 9.4701, 4.2951**, and the grayscale version is **18.3075, 19.2609, 20.9751**.

A 20% lighter version of the original color is **39.8940, 52.0436, 66.3353**, and **6.9061, 10.0539, 13.8885** is the 20% darker color. If you saturate the color by 10%, you get **17.4662, 24.7419, 33.5614**, and if you desaturate by 10%, it is **19.0879, 25.6505, 33.6512**.

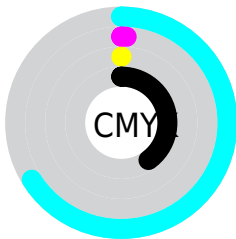
Distribution



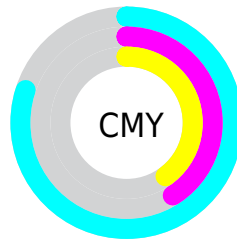
- Red (20%)
- Green (59%)
- Blue (60%)



- Red (20%)
- Yellow (40%)
- Blue (60%)



- Cyan (66%)
- Magenta (1%)
- Yellow (0%)
- Black (40%)



- Cyan (80%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1503, 25.1303, 33.5998 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 18.1503, 25.1303, 33.5998 by changing the saturation by 10% instead.

■ 18.1503, 25.1303,
33.5998

■ 18.1503, 25.1303,
33.5998

234.7461,
278.4862, 333.0584

■ 11.1583, 16.1742,
22.3115

■ 39.8213, 51.8685,
66.4376

■ 6.2415, 9.6475,
13.8854

■ 55.2311, 70.4194,
88.8241

■ 3.0345, 5.1659,
7.9032

■ 74.1775, 92.9373,
115.7472

■ 1.1720, 2.3449,
3.9462

■ 97.0258, 119.8067,
147.6252

■ 0.0841, 0.7973,
1.5959

■ 124.1415,
151.4118, 184.8768

■ 0.0000, 0.0000,
0.2879

155.8899,

■ 0.0000, 0.0000,

188.1372, 227.9205

0.0000

192.6363,
230.3672, 277.1749

■ 18.1503, 25.1303,
33.5998

■ 18.1503, 25.1303,
33.5998

■ 17.4662, 24.7419,
33.5614

■ 19.0879, 25.6505,
33.6512

■ 17.0080, 24.4695,
33.5329

■ 20.2986, 26.3110,
33.7149

■ 16.7416, 24.2960,
33.5135

■ 21.8026, 27.1227,
33.7923

■ 16.6512, 24.2342,
33.5063

■ 23.6177, 28.0949,
33.8843

■ 25.7602, 29.2358,
33.9916

■ 28.2452, 30.5535,
34.1150

■ 31.0871, 32.0550,
34.2550

■ 34.2991, 33.7475,
34.4124

■ 37.8941, 35.6375,
34.5877

Harmonies

Analogous

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



18.0045, 25.1303, 23.6101



18.1503, 25.1303, 33.5998



19.7392, 25.1303, 43.9013

Triad

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



18.1503, 25.1303, 33.5998



29.1195, 25.1303, 42.0450



25.2874, 25.1303, 12.7472

Complementary

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



18.1503, 25.1303, 33.5998



14.8424, 9.4701, 4.2951

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.



28.5754, 25.1303, 15.6069



18.1503, 25.1303, 33.5998



30.9254, 25.1303, 31.4931

Square

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



18.1503, 25.1303, 33.5998



25.9743, 25.1303, 49.5233



30.7173, 25.1303, 21.9494



21.9120, 25.1303, 13.0518

Rectangle

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



18.1503, 25.1303, 33.5998



21.4968, 25.1303, 48.8413



30.7173, 25.1303, 21.9494



26.4451, 25.1303, 13.3355

Sweetspot

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



18.1511, 25.1313, 33.6004



43.6544, 50.6384, 59.9070



13.2649, 23.4350, 7.0738



9.7030, 11.3927, 13.6051



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



18.1511, 25.1313, 33.6004



30.3980, 43.4187, 59.2122



11.8358, 12.5007, 31.4953



6.3793, 7.0160, 7.9470



13.9629, 20.3224, 28.0944



0.2102, 0.3067, 0.4205

Inverse Universe

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



19.7635, 11.3665, 30.4315



33.4850, 17.3160, 53.0892



18.3208, 16.4269, 5.4546



6.4586, 6.3226, 7.7949



15.5066, 7.4569, 24.9904



0.2326, 0.1118, 0.3775

Previews

White Background



This preview shows how the XYZ color 18.1503, 25.1303, 33.5998 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 18.1503, 25.1303, 33.5998 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 18.1503, 25.1303, 33.5998

Background



This preview shows how black text looks on a background with the XYZ color 18.1503, 25.1303, 33.5998.

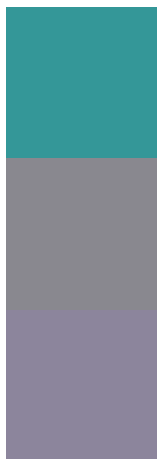


This preview shows how white text looks on a background with the XYZ color 18.1503, 25.1303,

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

18.1503, 25.1303, 33.5998

Protanopia

24.0786, 24.9099, 29.5256

Deuteranopia

25.2035, 24.7508, 34.9015



Tritanopia

19.1153, 25.2912, 38.0566

Trichromacy



Original Color

18.1503, 25.1303, 33.5998

Protanomaly

20.6570, 24.1892, 30.7744

Deuteranomaly

21.4788, 24.3109, 34.5708

Tritanomaly

18.6535, 25.0935, 36.2081

Monochromacy



Original Color

18.1503, 25.1303, 33.5998

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.5509, 21.0099, 25.3206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1503, 25.1303, 33.5998 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(52, 151, 152)` looks like.

```
.text, #text, p{  
    color:rgb(52, 151, 152)  
}
```

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(52, 151, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 151, 152) }
```

Border

The CSS property to change the border of an element to XYZ 18.1503, 25.1303, 33.5998 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(52, 151, 152) }
```


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

```
.border{ border-color:rgb(52, 151, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 151, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 151, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 151, 152);  
box-shadow:4px 4px 4px 4px rgb(52, 151,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1503, 25.1303, 33.5998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 151, 152) }
```

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

```
.background{ background-color: rgb(52, 151,  
152) }
```

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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