

Converting Colors

XYZ(19.1298, 18.9887, 57.3005)

Have a look what the booklet for
XYZ(19.1298, 18.9887, 57.3005)
contains.

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Color

**XYZ(19.1298, 18.9887,
57.3005)**

Conversions

Conversions Part 1

Format	Color
Hex	3A7AC8
RGB	58, 122, 200
RGB Percent	23%, 48%, 78%
CMY	0.7725, 0.5216, 0.2157
CMYK	0.71, 0.39, 0.00, 0.22
HSL	213°, 56%, 51%
HSV	213°, 71%, 78%
XYZ	19.1298, 18.9887, 57.3005
YIQ	111.7560, -63.1820, 10.6900

Conversions

Conversions Part 2

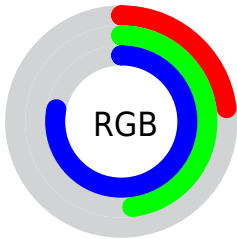
Format	Color
R_{YB}	58, 102, 200
Decimal	3832520
CIE Lab	50.67, 5.63, -46.52
CIE LCh	51, 46.856, 276.901
Yxy	18.9887, 0.2005, 0.1990
Android (android.graphics.Color)	4282022600 (0xFF3A7AC8)
YUV	111.7560, 43.5043, -47.1440
Hunter-Lab	43.5760, 2.1031, -47.4604

Details

The XYZ color **19.1298, 18.9887, 57.3005** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark muted azure. A complement of this color would be **33.3891, 30.1961, 8.0730**, and the grayscale version is **15.2207, 16.0134, 17.4386**.

A 20% lighter version of the original color is **41.0712, 41.5571, 100.4644**, and **7.5596, 6.9419, 27.7295** is the 20% darker color. If you saturate the color by 10%, you get **16.9111, 15.9544, 56.8322**, and if you desaturate by 10%, it is **21.9540, 22.5620, 57.8418**.

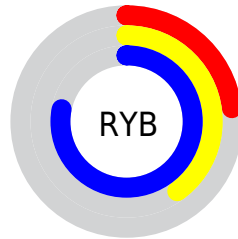
Distribution



Red (23%)

Green (48%)

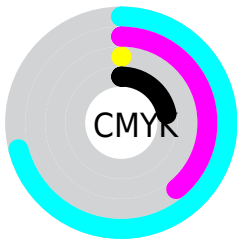
Blue (78%)



Red (23%)

Yellow (40%)

Blue (78%)

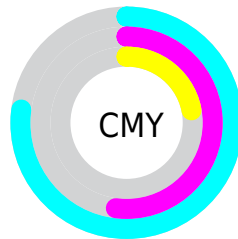


Cyan (71%)

Magenta (39%)

Yellow (0%)

Black (22%)



Cyan (77%)

Magenta (52%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1298, 18.9887, 57.3005 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 19.1298, 18.9887, 57.3005 by changing the saturation by 10% instead.

■ 19.1298, 18.9887,
57.3005

■ 19.1298, 18.9887,
57.3005

240.0888,
246.3864, 432.0996

■ 11.8687, 11.6621,
40.8356

■ 41.4685, 41.7150,
102.4082

■ 6.7259, 6.5140,
27.8719

■ 57.2768, 57.8835,
131.8881

■ 3.3361, 3.1601,
17.9909

■ 76.6648, 77.7681,
166.5434

■ 1.3339, 1.2159,
10.7741

■ 99.9979, 101.7532,
206.7926

■ 0.2084, 0.0746,
5.8029

■ 127.6416,
130.2232, 253.0543

■ 0.0000, 0.0000,
2.6588

159.9610,

■ 0.0000, 0.0000,

163.5624, 305.7470

0.9226

197.3216,
202.1554, 365.2892

■ 0.0000, 0.0000,
0.0000

■ 19.1298, 18.9887,
57.3005

■ 19.1298, 18.9887,
57.3005

■ 16.9111, 15.9544,
56.8322

■ 21.9540, 22.5620,
57.8418

■ 15.2349, 13.4185,
56.4310

■ 25.4329, 26.7061,
58.4583

■ 14.0929, 11.5052,
56.1219

■ 29.6129, 31.4521,
59.1541

■ 34.5350, 36.8277,
59.9322

■ 40.2372, 42.8586,
60.7958

■ 46.7542, 49.5690,
61.7475

■ 54.1190, 56.9816,
62.7902

■ 62.3625, 65.1181,
63.9262

■ 71.5139, 73.9991,
65.1580

Harmonies

Analogous

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



14.8017, 18.9887, 53.7392



19.1298, 18.9887, 57.3005



23.8845, 18.9887, 48.1987

Triad

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



19.1298, 18.9887, 57.3005



26.0679, 18.9887, 8.9073



11.0850, 18.9887, 12.2583

Complementary

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



19.1298, 18.9887, 57.3005



33.3891, 30.1961, 8.0730

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.



13.2497, 18.9887, 6.3319



19.1298, 18.9887, 57.3005



21.7378, 18.9887, 5.0496

Square

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



19.1298, 18.9887, 57.3005



28.3070, 18.9887, 17.7841



17.0081, 18.9887, 4.3629



10.6264, 18.9887, 23.8644

Rectangle

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



19.1298, 18.9887, 57.3005



26.4995, 18.9887, 37.7827



17.0081, 18.9887, 4.3629



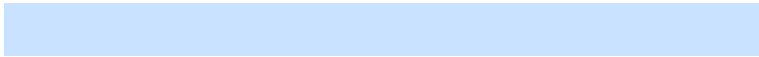
11.6170, 18.9887, 9.7143

Sweetspot

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



19.1306, 18.9893, 57.3010



69.3417, 73.8664, 105.2107



26.6848, 43.9226, 29.5302



14.2228, 15.1616, 22.4268



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



19.1306, 18.9893, 57.3010



27.6533, 25.2262, 98.0194



13.9725, 8.2456, 55.4991



10.4437, 11.0615, 13.5021



9.0476, 7.4891, 35.7130



0.5005, 0.4988, 1.7150

Inverse Universe

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



28.8461, 16.7117, 20.1180



46.3803, 24.4379, 25.5399



43.9933, 53.2522, 11.9644



10.8292, 10.7151, 12.0841



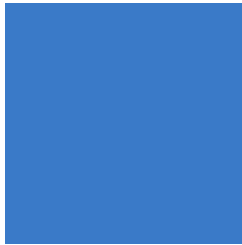
16.3661, 8.2960, 7.1379



0.8113, 0.4074, 0.5296

Previews

White Background



This preview shows how the XYZ color 19.1298, 18.9887, 57.3005 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 19.1298, 18.9887, 57.3005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

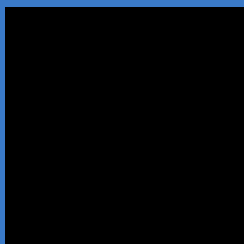
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

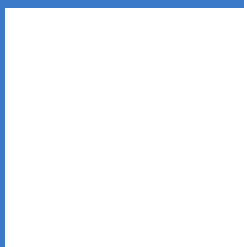
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.1298, 18.9887, 57.3005

Background



This preview shows how black text looks on a background with the XYZ color 19.1298, 18.9887, 57.3005.



This preview shows how white text looks on a background with the XYZ color 19.1298, 18.9887,

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

19.1298, 18.9887, 57.3005

Protanopia

20.4449, 18.8319, 54.7819

Deuteranopia

19.5095, 19.0031, 57.2833



Tritanopia

13.4216, 18.7887, 29.3047

Trichromacy



Original Color

19.1298, 18.9887, 57.3005

Protanomaly

19.8168, 18.8446, 55.4162

Deuteranomaly

19.3126, 18.9016, 57.2741

Tritanomaly

14.8604, 18.5403, 37.9174

Monochromacy



Original Color

19.1298, 18.9887, 57.3005

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.6931, 16.7797, 28.7973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1298, 18.9887, 57.3005 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(58, 122, 200)` looks like.

```
.text, #text, p{  
    color:rgb(58, 122, 200)  
}
```

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(58, 122, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 122, 200) }
```

Border

The CSS property to change the border of an element to XYZ 19.1298, 18.9887, 57.3005 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(58, 122, 200) }
```


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

```
.border{ border-color:rgb(58, 122, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 122, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 122, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 122, 200);  
box-shadow:4px 4px 4px 4px rgb(58, 122,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1298, 18.9887, 57.3005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 122, 200) }
```

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

```
.background{ background-color: rgb(58, 122,  
200) }
```

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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