

Converting Colors

XYZ(19.0662, 18.8938, 58.4757)

Have a look what the booklet for
XYZ(19.0662, 18.8938, 58.4757)
contains.

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Color

**XYZ(19.0884, 18.9402,
58.5269)**

Conversions

Conversions Part 1

Format	Color
Hex	357ACA
RGB	53, 122, 202
RGB Percent	21%, 48%, 79%
CMY	0.7921, 0.5216, 0.2078
CMYK	0.74, 0.40, 0.00, 0.21
HSL	212°, 58%, 50%
HSV	212°, 74%, 79%
XYZ	19.0884, 18.9402, 58.5269
YIQ	110.4890, -66.8040, 10.2520

Conversions

Conversions Part 2

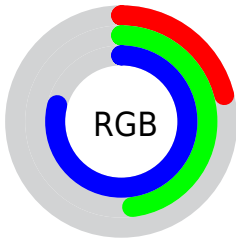
Format	Color
R_{YB}	53, 100, 202
Decimal	3504842
CIE _{Lab}	50.62, 5.66, -47.76
CIE _{LCh}	51, 48.093, 276.763
Yxy	18.9402, 0.1977, 0.1962
Android (android.graphics.Color)	4281694922 (0xFF357ACA)
YUV	110.4890, 45.1149, -50.4179
Hunter-Lab	43.5203, 2.1311, -49.2700

Details

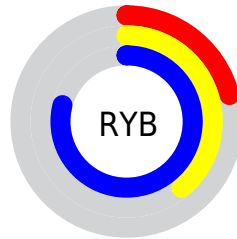
The XYZ color **19.0884, 18.9402, 58.5269** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark muted azure. A complement of this color would be **33.3891, 29.5917, 7.3214**, and the grayscale version is **14.8506, 15.6240, 17.0145**.

A 20% lighter version of the original color is **40.6573, 41.3437, 100.4450**, and **7.7152, 7.0041, 28.5491** is the 20% darker color. If you saturate the color by 10%, you get **16.9832, 15.9872, 58.0683**, and if you desaturate by 10%, it is **21.7910, 22.4223, 59.0570**.

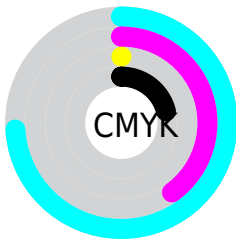
Distribution



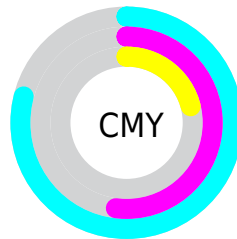
- Red (21%)
- Green (48%)
- Blue (79%)



- Red (21%)
- Yellow (39%)
- Blue (79%)



- Cyan (74%)
- Magenta (40%)
- Yellow (0%)
- Black (21%)



- Cyan (79%)
- Magenta (52%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0884, 18.9402, 58.5269 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 19.0884, 18.9402, 58.5269 by changing the saturation by 10% instead.

■ 19.0884, 18.9402,
58.5269

■ 19.0884, 18.9402,
58.5269

239.8651,
246.1184, 436.7994

■ 11.8386, 11.6271,
41.8149

■ 41.3991, 41.6330,
104.2121

■ 6.7053, 6.4903,
28.6319

■ 57.1907, 57.7815,
134.0224

■ 3.3231, 3.1454,
18.5593

■ 76.5603, 77.6439,
169.0358

■ 1.3269, 1.2081,
11.1787

■ 99.8732, 101.6046,
209.6709

■ 0.2032, 0.0683,
6.0715

■ 127.4948,
130.0480, 256.3463

■ 0.0000, 0.0000,
2.8191

159.7904,

■ 0.0000, 0.0000,

163.3586, 309.4805

1.0030

197.1254,
201.9206, 369.4920

■ 0.0000, 0.0000,
0.0000

■ 19.0884, 18.9402,
58.5269

■ 19.0884, 18.9402,
58.5269

■ 16.9832, 15.9872,
58.0683

■ 21.7910, 22.4223,
59.0570

■ 15.4079, 13.5205,
57.6752

■ 25.1436, 26.4668,
59.6610

■ 14.6224, 12.1876,
57.4593

■ 29.1946, 31.1056,
60.3428

■ 33.9871, 36.3670,
61.1058

■ 39.5603, 42.2774,
61.9529

■ 45.9505, 48.8615,
62.8869

■ 53.1916, 56.1422,
63.9106

■ 61.3156, 64.1416,
65.0265

■ 70.3525, 72.8806,
66.2369

Harmonies

Analogous

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



14.6640, 18.9402, 54.7596



19.0884, 18.9402, 58.5269



23.9766, 18.9402, 49.1159

Triad

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



19.0884, 18.9402, 58.5269



26.2643, 18.9402, 8.6792



10.9040, 18.9402, 11.9975

Complementary

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



19.0884, 18.9402, 58.5269



33.3891, 29.5917, 7.3214

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.



13.1130, 18.9402, 6.0525



19.0884, 18.9402, 58.5269



21.8119, 18.9402, 4.8028

Square

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



19.0884, 18.9402, 58.5269



28.5613, 18.9402, 17.7201



16.9578, 18.9402, 4.1117



10.4308, 18.9402, 23.8261

Rectangle

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



19.0884, 18.9402, 58.5269



26.6771, 18.9402, 38.3295



16.9578, 18.9402, 4.1117



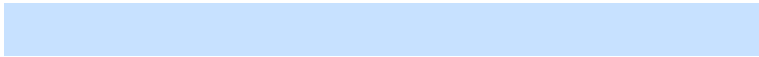
11.4468, 18.9402, 9.4332

Sweetspot

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



19.0892, 18.9408, 58.5274



68.4687, 73.1326, 105.1150



26.7867, 44.6775, 29.2113



14.0592, 15.0309, 22.4102



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.



19.0892, 18.9408, 58.5274



26.9370, 24.2810, 97.8747



13.6779, 7.7103, 56.6449



11.0227, 11.6859, 14.2450



9.4965, 8.0170, 37.0032



0.5656, 0.5649, 1.9342

Inverse Universe

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



29.1438, 16.5090, 20.0632



45.8998, 23.7902, 24.4139



44.7985, 54.3735, 11.5034



11.4248, 11.2987, 12.7717



17.0043, 8.6123, 7.7413



0.9154, 0.4596, 0.6004

Previews

White Background



This preview shows how the XYZ color 19.0884, 18.9402, 58.5269 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 19.0884, 18.9402, 58.5269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

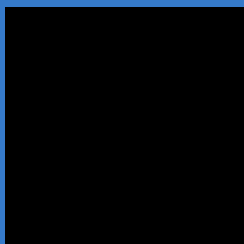
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

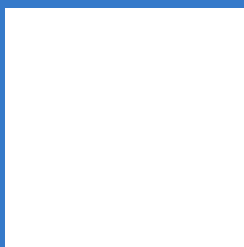
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.0884, 18.9402, 58.5269

Background



This preview shows how black text looks on a background with the XYZ color 19.0884, 18.9402, 58.5269.



This preview shows how white text looks on a background with the XYZ color 19.0884, 18.9402,

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

19.0884, 18.9402, 58.5269

Protanopia

20.3698, 18.7800, 55.3746

Deuteranopia

19.4846, 18.9631, 58.5104



Tritanopia

13.3455, 18.7582, 28.9039

Trichromacy



Original Color

19.0884, 18.9402, 58.5269

Protanomaly

19.8073, 18.8130, 56.6202

Deuteranomaly

19.3017, 18.8688, 58.5019

Tritanomaly

14.8197, 18.5193, 37.9155

Monochromacy



Original Color

19.0884, 18.9402, 58.5269

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.0951, 16.1416, 28.3067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0884, 18.9402, 58.5269 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(53, 122, 202)` looks like.

```
.text, #text, p{  
    color:rgb(53, 122, 202)  
}
```

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(53, 122, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 122, 202) }
```

Border

The CSS property to change the border of an element to XYZ 19.0884, 18.9402, 58.5269 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(53, 122, 202) }
```


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

```
.border{ border-color:rgb(53, 122, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 122, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 122, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 122, 202);  
box-shadow:4px 4px 4px 4px rgb(53, 122,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0884, 18.9402, 58.5269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 122, 202) }
```

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

```
.background{ background-color: rgb(53, 122,  
202) }
```

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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