

Converting Colors

XYZ(19.4238, 18.9042, 59.7519)

Have a look what the booklet for
XYZ(19.4238, 18.9042, 59.7519)
contains.

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Color

**XYZ(19.4238, 18.9042,
59.7519)**

Conversions

Conversions Part 1

Format	Color
Hex	3979CC
RGB	57, 121, 204
RGB Percent	22%, 47%, 80%
CMY	0.7764, 0.5255, 0.2000
CMYK	0.72, 0.41, 0.00, 0.20
HSL	214°, 59%, 51%
HSV	214°, 72%, 80%
XYZ	19.4238, 18.9042, 59.7519
YIQ	111.3260, -64.7870, 12.2450

Conversions

Conversions Part 2

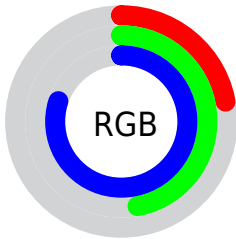
Format	Color
R_{YB}	57, 102, 204
Decimal	3766732
CIE Lab	50.57, 7.55, -48.96
CIE LCh	51, 49.537, 278.767
Yxy	18.9042, 0.1980, 0.1927
Android (android.graphics.Color)	4281956812 (0xFF3979CC)
YUV	111.3260, 45.6883, -47.6439
Hunter-Lab	43.4790, 3.6549, -51.0453

Details

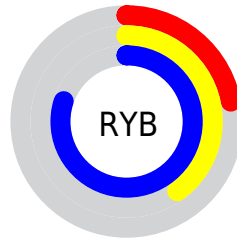
The XYZ color **19.4238, 18.9042, 59.7519** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **35.0204, 31.8921, 8.1822**, and the grayscale version is **15.0900, 15.8759, 17.2888**.

A 20% lighter version of the original color is **40.8787, 41.1721, 100.4002**, and **7.8074, 6.9350, 29.3609** is the 20% darker color. If you saturate the color by 10%, you get **17.1684, 15.7862, 59.2694**, and if you desaturate by 10%, it is **22.3149, 22.5985, 60.3130**.

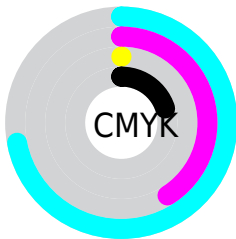
Distribution



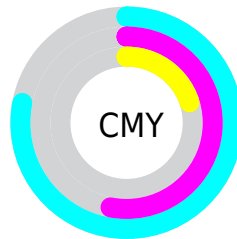
- Red (22%)
- Green (47%)
- Blue (80%)



- Red (22%)
- Yellow (40%)
- Blue (80%)



- Cyan (72%)
- Magenta (41%)
- Yellow (0%)
- Black (20%)



- Cyan (78%)
- Magenta (53%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4238, 18.9042, 59.7519 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 19.4238, 18.9042, 59.7519 by changing the saturation by 10% instead.

■ 19.4238, 18.9042,
59.7519

■ 19.4238, 18.9042,
59.7519

241.6719,
245.9194, 441.4619

■ 12.0827, 11.6011,
42.7947

■ 41.9604, 41.5722,
106.0095

■ 6.8726, 6.4727,
29.3939

■ 57.8866, 57.7058,
136.1470

■ 3.4282, 3.1346,
19.1308

■ 77.4052, 77.5517,
171.5151

■ 1.3840, 1.2024,
11.5871

■ 100.8816,
101.4943, 212.5322

■ 0.2448, 0.0636,
6.3441

■ 128.6811,
129.9180, 259.6168

■ 0.0000, 0.0000,
2.9833

161.1691,

■ 0.0000, 0.0000,

163.2071, 313.1877

1.0861

198.7109,
201.7461, 373.6632

■ 0.0000, 0.0000,
0.0000

■ 19.4238, 18.9042,
59.7519

■ 19.4238, 18.9042,
59.7519

■ 17.1684, 15.7862,
59.2694

■ 22.3149, 22.5985,
60.3130

■ 15.4807, 13.2001,
58.8591

■ 25.8949, 26.9042,
60.9554

■ 14.4557, 11.4728,
58.5798

■ 30.2135, 31.8549,
61.6834

■ 35.3146, 37.4810,
62.5005

■ 41.2387, 43.8104,
63.4099

■ 48.0232, 50.8694,
64.4149

■ 55.7030, 58.6829,
65.5182

■ 64.3112, 67.2742,
66.7228

■ 73.8790, 76.6658,
68.0313

Harmonies

Analogous

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



14.8042, 18.9042, 56.7557



19.4238, 18.9042, 59.7519



24.4468, 18.9042, 49.1375

Triad

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



19.4238, 18.9042, 59.7519



26.2434, 18.9042, 7.9999



10.6152, 18.9042, 12.3621

Complementary

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



19.4238, 18.9042, 59.7519



35.0204, 31.8921, 8.1822

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.



12.7485, 18.9042, 6.0126



19.4238, 18.9042, 59.7519



21.5529, 18.9042, 4.3958

Square

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



19.4238, 18.9042, 59.7519



28.8225, 18.9042, 16.7829



16.5866, 18.9042, 3.8822



10.2512, 18.9042, 24.9184

Rectangle

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



19.4238, 18.9042, 59.7519



27.1566, 18.9042, 37.7242



16.5866, 18.9042, 3.8822



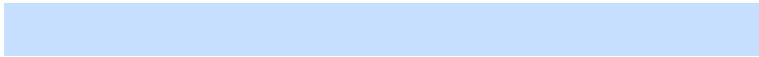
11.1280, 18.9042, 9.6269

Sweetspot

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



19.4246, 18.9048, 59.7524



68.0506, 72.2963, 104.9757



27.8579, 45.8870, 31.3786



13.9609, 14.8343, 22.3774



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.



19.4246, 18.9048, 59.7524



26.9063, 23.8680, 97.7966



14.5006, 8.3890, 57.9822



10.9968, 11.6340, 14.2364



9.1876, 7.3991, 36.9002



0.5490, 0.5317, 1.9286

Inverse Universe

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



29.8169, 17.1452, 19.8273



45.9701, 24.1470, 23.7711



45.2665, 55.3049, 12.1613



11.4117, 11.2934, 12.7029



16.8484, 8.5499, 6.9202



0.9071, 0.4562, 0.5564

Previews

White Background



This preview shows how the XYZ color 19.4238, 18.9042, 59.7519 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 19.4238, 18.9042, 59.7519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

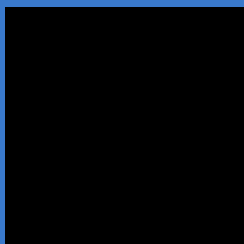
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

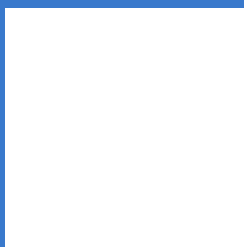
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.4238, 18.9042, 59.7519

Background



This preview shows how black text looks on a background with the XYZ color 19.4238, 18.9042, 59.7519.



This preview shows how white text looks on a background with the XYZ color 19.4238, 18.9042,

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

19.4238, 18.9042, 59.7519

Protanopia

20.5329, 18.8240, 57.1948

Deuteranopia

19.4814, 18.9339, 59.7546



Tritanopia

13.3455, 18.7582, 28.9039

Trichromacy



Original Color

19.4238, 18.9042, 59.7519

Protanomaly

19.9227, 18.6698, 57.8119

Deuteranomaly

19.4814, 18.9339, 59.7546

Tritanomaly

14.9510, 18.5766, 38.3949

Monochromacy



Original Color

19.4238, 18.9042, 59.7519

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.5560, 16.5299, 29.1588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4238, 18.9042, 59.7519 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(57, 121, 204)` looks like.

```
.text, #text, p{  
    color:rgb(57, 121, 204)  
}
```

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(57, 121, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 121, 204) }
```

Border

The CSS property to change the border of an element to XYZ 19.4238, 18.9042, 59.7519 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(57, 121, 204) }
```


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

```
.border{ border-color:rgb(57, 121, 204) }
```

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

Here you see how a box with a 4 pixel rgb(57, 121, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 121, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 121, 204);  
box-shadow:4px 4px 4px 4px rgb(57, 121,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4238, 18.9042, 59.7519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 121, 204) }
```

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

```
.background{ background-color: rgb(57, 121,  
204) }
```

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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