

Converting Colors

XYZ(19.5442, 18.9524, 60.3857)

Have a look what the booklet for
XYZ(19.5442, 18.9524, 60.3857)
contains.

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Color

**XYZ(19.5442, 18.9524,
60.3857)**

Conversions

Conversions Part 1

Format	Color
Hex	3979CD
RGB	57, 121, 205
RGB Percent	22%, 47%, 80%
CMY	0.7764, 0.5255, 0.1961
CMYK	0.72, 0.41, 0.00, 0.20
HSL	214°, 60%, 51%
HSV	214°, 72%, 80%
XYZ	19.5442, 18.9524, 60.3857
YIQ	111.4400, -65.1080, 12.5560

Conversions

Conversions Part 2

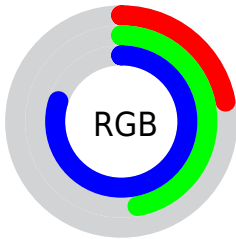
Format	Color
R_{YB}	57, 102, 205
Decimal	3766733
CIE _{Lab}	50.63, 7.91, -49.44
CIE _{LCh}	51, 50.067, 279.095
Yxy	18.9524, 0.1977, 0.1917
Android (android.graphics.Color)	4281956813 (0xFF3979CD)
YUV	111.4400, 46.1251, -47.7439
Hunter-Lab	43.5344, 3.9502, -51.7660

Details

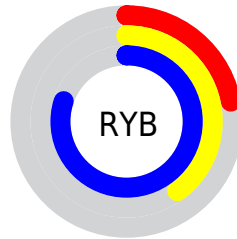
The XYZ color **19.5442, 18.9524, 60.3857** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **35.4422, 32.3275, 8.2441**, and the grayscale version is **15.1220, 15.9095, 17.3254**.

A 20% lighter version of the original color is **40.8787, 41.1721, 100.4002**, and **7.8876, 6.9671, 29.7832** is the 20% darker color. If you saturate the color by 10%, you get **17.2727, 15.8075, 59.8988**, and if you desaturate by 10%, it is **22.4594, 22.6828, 60.9525**.

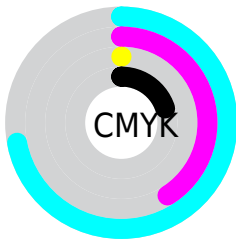
Distribution



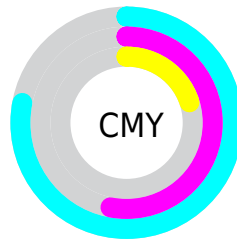
- Red (22%)
- Green (47%)
- Blue (80%)



- 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 19.5442, 18.9524, 60.3857 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 19.5442, 18.9524, 60.3857 by changing the saturation by 10% instead.

■ 19.5442, 18.9524,
60.3857

■ 19.5442, 18.9524,
60.3857

242.3177,
246.1859, 443.8620

■ 12.1705, 11.6359,
43.3023

■ 42.1615, 41.6537,
106.9378

■ 6.9329, 6.4963,
29.7892

■ 58.1357, 57.8072,
137.2436

■ 3.4661, 3.1491,
19.4279

■ 77.7076, 77.6752,
172.7939

■ 1.4048, 1.2101,
11.8000

■ 101.2423,
101.6420, 214.0072

■ 0.2596, 0.0699,
6.4867

■ 129.1054,
130.0921, 261.3022

■ 0.0000, 0.0000,
3.0697

161.6620,

■ 0.0000, 0.0000,

163.4099, 315.0973

1.1303

199.2777,
201.9796, 375.8110

■ 0.0000, 0.0000,
0.0000

■ 19.5442, 18.9524,
60.3857

■ 19.5442, 18.9524,
60.3857

■ 17.2727, 15.8075,
59.8988

■ 22.4594, 22.6828,
60.9525

■ 15.5758, 13.2029,
59.4855

■ 26.0723, 27.0344,
61.6020

■ 14.5622, 11.4931,
59.2089

■ 30.4335, 32.0416,
62.3387

■ 35.5875, 37.7352,
63.1660

■ 41.5755, 44.1437,
64.0874

■ 48.4353, 51.2941,
65.1060

■ 56.2025, 59.2113,
66.2248

■ 64.9107, 67.9196,
67.4467

■ 74.5914, 77.4415,
68.7744

Harmonies

Analogous

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



14.8569, 18.9524, 57.4935



19.5442, 18.9524, 60.3857



24.6314, 18.9524, 49.4562

Triad

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



19.5442, 18.9524, 60.3857



26.3589, 18.9524, 7.8696



10.5685, 18.9524, 12.4283

Complementary

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



19.5442, 18.9524, 60.3857



35.4422, 32.3275, 8.2441

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.



12.7021, 18.9524, 5.9805



19.5442, 18.9524, 60.3857



21.5886, 18.9524, 4.3005

Square

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



19.5442, 18.9524, 60.3857



29.0090, 18.9524, 16.6583



16.5652, 18.9524, 3.8150



10.2208, 18.9524, 25.2012

Rectangle

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



19.5442, 18.9524, 60.3857



27.3661, 18.9524, 37.8267



16.5652, 18.9524, 3.8150



11.0793, 18.9524, 9.6489

Sweetspot

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



19.5450, 18.9530, 60.3862



68.0064, 72.2080, 104.9610



28.3176, 46.4524, 32.6230



13.9505, 14.8136, 22.3740



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.



19.5450, 18.9530, 60.3862



26.5425, 23.2667, 97.6997



14.7895, 8.5241, 58.6238



10.9940, 11.6285, 14.2355



9.1561, 7.3362, 36.8897



0.5473, 0.5283, 1.9281

Inverse Universe

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



30.0919, 17.2870, 19.8402



45.7556, 23.9431, 23.0057



45.1108, 55.5785, 12.2224



11.4104, 11.2929, 12.6956



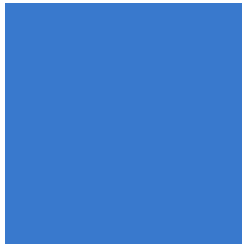
16.8325, 8.5436, 6.8365



0.9062, 0.4559, 0.5518

Previews

White Background



This preview shows how the XYZ color 19.5442, 18.9524, 60.3857 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 19.5442, 18.9524, 60.3857 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

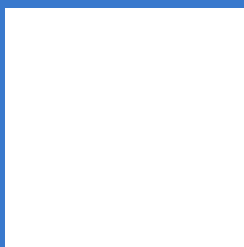
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.5442, 18.9524, 60.3857

Background



This preview shows how black text looks on a background with the XYZ color 19.5442, 18.9524, 60.3857.



This preview shows how white text looks on a background with the XYZ color 19.5442, 18.9524,

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

19.5442, 18.9524, 60.3857

Protanopia

20.6502, 18.8709, 57.8124

Deuteranopia

19.4877, 18.9233, 60.3831



Tritanopia

13.4216, 18.7887, 29.3047

Trichromacy



Original Color

19.5442, 18.9524, 60.3857

Protanomaly

20.0408, 18.7170, 58.4336

Deuteranomaly

19.4877, 18.9233, 60.3831

Tritanomaly

15.0425, 18.6131, 38.8763

Monochromacy



Original Color

19.5442, 18.9524, 60.3857

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 19.5442, 18.9524, 60.3857 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(57, 121, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 121, 205) }
```

Border

The CSS property to change the border of an element to XYZ 19.5442, 18.9524, 60.3857 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, 205) }
```


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

```
.border{ border-color:rgb(57, 121, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 121, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 121, 205);  
box-shadow:4px 4px 4px 4px rgb(57, 121,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5442, 18.9524, 60.3857 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, 205) }
```

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

```
.background{ background-color: rgb(57, 121,  
205) }
```

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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