

Converting Colors

XYZ(19.5698, 21.5228, 60.4022)

Have a look what the booklet for
XYZ(19.5698, 21.5228, 60.4022)
contains.

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Color

**XYZ(19.5118, 21.4550,
60.2396)**

Conversions

Conversions Part 1

Format	Color
Hex	0786CC
RGB	7, 134, 204
RGB Percent	3%, 53%, 80%
CMY	0.9724, 0.4745, 0.2000
CMYK	0.97, 0.34, 0.00, 0.20
HSL	201°, 93%, 41%
HSV	201°, 97%, 80%
XYZ	19.5118, 21.4550, 60.2396
YIQ	104.0070, -98.1620, -5.1540

Conversions

Conversions Part 2

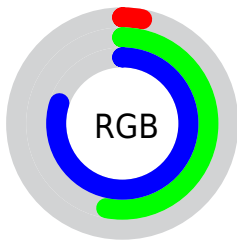
Format	Color
RYB	7, 84, 204
Decimal	493260
CIELab	53.44, -4.37, -44.46
CIELCh	53, 44.670, 264.384
Yxy	21.4550, 0.1928, 0.2120
Android (android.graphics.Color)	4278683340 (0xFF0786CC)
YUV	104.0070, 49.2965, -85.0751
Hunter-Lab	46.3195, -5.8673, -44.6843

Details

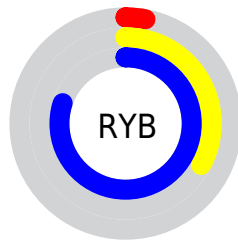
The XYZ color **19.5118, 21.4550, 60.2396** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **27.5977, 18.1670, 2.2543**, and the grayscale version is **13.0550, 13.7349, 14.9573**.

A 20% lighter version of the original color is **41.0759, 45.4700, 101.2194**, and **8.6733, 8.6669, 29.6495** is the 20% darker color. If you saturate the color by 10%, you get **19.0824, 20.7262, 60.1220**, and if you desaturate by 10%, it is **20.9251, 23.7228, 60.6033**.

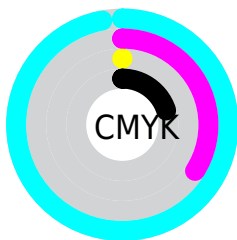
Distribution



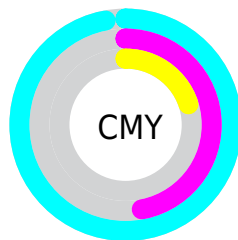
- Red (3%)
- Green (53%)
- Blue (80%)



- Red (3%)
- Yellow (33%)
- Blue (80%)



- Cyan (97%)
- Magenta (34%)
- Yellow (0%)
- Black (20%)



- Cyan (97%)
- Magenta (47%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5118, 21.4550, 60.2396 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 19.5118, 21.4550, 60.2396 by changing the saturation by 10% instead.

■ 19.5118, 21.4550,
60.2396

■ 19.5118, 21.4550,
60.2396

242.1441,
259.6868, 443.3095

■ 12.1469, 13.4570,
43.1852

■ 42.1074, 45.8436,
106.7239

■ 6.9167, 7.7440,
29.6980

■ 58.0687, 63.0029,
136.9910

■ 3.4559, 3.9316,
19.3594

■ 77.6262, 83.9848,
172.4993

■ 1.3992, 1.6354,
11.7508

■ 101.1453,
109.1737, 213.6675

■ 0.2557, 0.3813,
6.4538

■ 128.9913,
138.9539, 260.9141

■ 0.0000, 0.0000,
3.0497

161.5295,

■ 0.0000, 0.0000,

173.7099, 314.6576

1.1201

199.1253,
213.8261, 375.3165

■ 0.0000, 0.0000,
0.0000

■ 19.5118, 21.4550,
60.2396

■ 19.5118, 21.4550,
60.2396

■ 19.0824, 20.7262,
60.1220

■ 20.9251, 23.7228,
60.6033

■ 22.7796, 26.3219,
61.0073

■ 25.1472, 29.2914,
61.4556

■ 28.0828, 32.6614,
61.9514

■ 31.6337, 36.4582,
62.4971

■ 35.8421, 40.7053,
63.0951

■ 40.7460, 45.4241,
63.7474

■ 46.3805, 50.6342,
64.4561

■ 52.7782, 56.3542,
65.2230

Harmonies

Analogous

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



15.5243, 21.4550, 51.7150



19.5118, 21.4550, 60.2396



24.3985, 21.4550, 56.1845

Triad

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



19.5118, 21.4550, 60.2396



29.8892, 21.4550, 14.1436



13.8345, 21.4550, 11.2028

Complementary

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



19.5118, 21.4550, 60.2396



27.5977, 18.1670, 2.2543

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.



16.8506, 21.4550, 6.7220



19.5118, 21.4550, 60.2396



26.1846, 21.4550, 7.9002

Square

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



19.5118, 21.4550, 60.2396



30.8945, 21.4550, 26.0144



21.2990, 21.4550, 5.8053



12.5890, 21.4550, 20.8942

Rectangle

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



19.5118, 21.4550, 60.2396



27.4680, 21.4550, 47.4727



21.2990, 21.4550, 5.8053



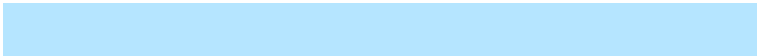
14.6499, 21.4550, 9.2140

Sweetspot

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



19.5126, 21.4557, 60.2402



65.0590, 72.9323, 105.2561



22.9850, 43.7531, 14.0676



13.1742, 14.8877, 22.4292



0.0000, 0.0000, 0.0000



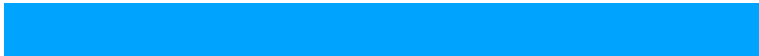
20.3446, 21.4041, 23.3091

Same Dimension

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



19.5126, 21.4557, 60.2402



31.3919, 33.9039, 99.4973



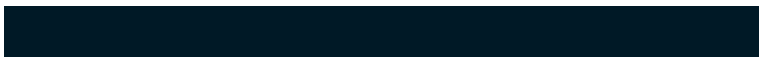
11.6362, 5.7028, 57.6147



11.1948, 12.0300, 14.3024



12.1012, 13.2263, 37.8714



0.6942, 0.8222, 1.9771

Inverse Universe

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



29.2817, 14.7117, 23.8510



47.9744, 23.9538, 37.3929



40.1652, 43.3021, 6.4435



11.5117, 11.3334, 13.2291



18.3190, 9.1382, 14.6645



0.9804, 0.4855, 0.9424

Previews

White Background



This preview shows how the XYZ color 19.5118, 21.4550, 60.2396 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 19.5118, 21.4550, 60.2396 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

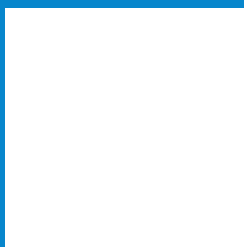
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.5118, 21.4550, 60.2396

Background



This preview shows how black text looks on a background with the XYZ color 19.5118, 21.4550, 60.2396.



This preview shows how white text looks on a background with the XYZ color 19.5118, 21.4550,

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

19.5118, 21.4550, 60.2396

Protanopia

22.6642, 21.4195, 55.1644

Deuteranopia

22.0382, 21.3404, 61.3501



Tritanopia

15.1108, 21.2841, 32.5900

Trichromacy



Original Color

19.5118, 21.4550, 60.2396

Protanomaly

20.3427, 20.7552, 56.9668

Deuteranomaly

20.4703, 21.1299, 60.7572

Tritanomaly

16.3817, 21.0986, 41.2392

Monochromacy



Original Color

19.5118, 21.4550, 60.2396

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.3186, 15.4201, 27.0854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5118, 21.4550, 60.2396 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(7, 134, 204)` looks like.

```
.text, #text, p{  
    color:rgb(7, 134, 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(7, 134, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 134, 204) }
```

Border

The CSS property to change the border of an element to XYZ 19.5118, 21.4550, 60.2396 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(7, 134, 204) }
```


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

```
.border{ border-color:rgb(7, 134, 204) }
```

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

Here you see how a box with a 4 pixel rgb(7, 134, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 134, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 134, 204);  
box-shadow:4px 4px 4px 4px rgb(7, 134,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5118, 21.4550, 60.2396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 134, 204) }
```

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

```
.background{ background-color: rgb(7, 134,  
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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