

Converting Colors

XYZ(6.1739, 14.4094, 58.4526)

Have a look what the booklet for
XYZ(6.1739, 14.4094, 58.4526)
contains.

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Color

**XYZ(19.0482, 21.0393,
58.9342)**

Conversions

Conversions Part 1

Format	Color
Hex	0085CA
RGB	0, 133, 202
RGB Percent	0%, 52%, 79%
CMY	0.9998, 0.4784, 0.2078
CMYK	1.00, 0.34, 0.00, 0.21
HSL	200°, 100%, 40%
HSV	200°, 100%, 79%
XYZ	19.0482, 21.0393, 58.9342
YIQ	101.0990, -101.4170, -6.7370

Conversions

Conversions Part 2

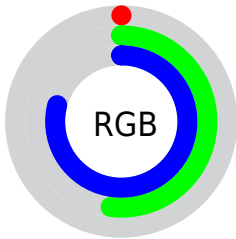
Format	Color
RYB	0, 80, 202
Decimal	34250
CIELab	52.99, -4.78, -44.04
CIELCh	53, 44.298, 263.804
Yxy	21.0393, 0.1924, 0.2125
Android (android.graphics.Color)	4278224330 (0xFF0085CA)
YUV	101.0990, 49.7442, -88.6638
Hunter-Lab	45.8686, -6.1431, -44.0706

Details

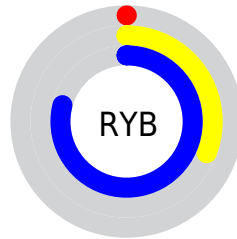
The XYZ color **19.0482, 21.0393, 58.9342** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **26.4885, 16.8186, 1.8515**, and the grayscale version is **12.2933, 12.9336, 14.0846**.

A 20% lighter version of the original color is **40.6459, 44.9345, 101.1387**, and **8.4368, 8.4472, 28.7896** is the 20% darker color. If you saturate the color by 10%, you get **19.0463, 21.0354, 58.9340**, and if you desaturate by 10%, it is **20.3182, 23.1434, 59.2739**.

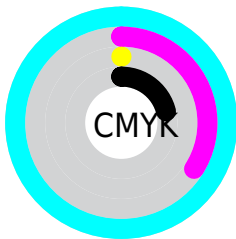
Distribution



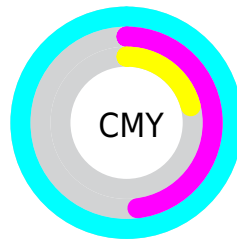
- Red (0%)
- Green (52%)
- Blue (79%)



- Red (0%)
- Yellow (31%)
- Blue (79%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (48%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0482, 21.0393, 58.9342 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 19.0482, 21.0393, 58.9342 by changing the saturation by 10% instead.

■ 19.0482, 21.0393,
58.9342

■ 19.0482, 21.0393,
58.9342

239.6477,
257.4873, 438.3531

■ 11.8093, 13.1527,
42.1405

■ 41.3318, 45.1529,
104.8102

■ 6.6852, 7.5338,
28.8849

■ 57.1072, 62.1488,
134.7296

■ 3.3106, 3.7981,
18.7490

■ 76.4588, 82.9499,
169.8613

■ 1.3201, 1.5613,
11.3140

■ 99.7520, 107.9405,
210.6238

■ 0.1982, 0.3313,
6.1617

■ 127.3522,
137.5052, 257.4357

■ 0.0000, 0.0000,
2.8733

159.6246,

■ 0.0000, 0.0000,

172.0283, 310.7155

1.0303

196.9347,
211.8942, 370.8818

■ 0.0000, 0.0000,
0.0000

■ 19.0482, 21.0393,
58.9342

■ 19.0482, 21.0393,
58.9342

■ 19.0463, 21.0354,
58.9340

■ 20.3182, 23.1434,
59.2739

■ 21.9566, 25.5310,
59.6484

■ 24.0706, 28.2594,
60.0636

■ 26.7173, 31.3595,
60.5225

■ 29.9449, 34.8579,
61.0276

■ 33.7959, 38.7780,
61.5813

■ 38.3087, 43.1410,
62.1856

■ 43.5182, 47.9664,
62.8424

■ 49.4568, 53.2725,
63.5536

Harmonies

Analogous

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



15.1705, 21.0393, 50.3908



19.0482, 21.0393, 58.9342



23.8253, 21.0393, 55.2085

Triad

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



19.0482, 21.0393, 58.9342



29.3383, 21.0393, 14.0533



13.6177, 21.0393, 10.8745

Complementary

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



19.0482, 21.0393, 58.9342



26.4885, 16.8186, 1.8515

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.



16.6029, 21.0393, 6.5645



19.0482, 21.0393, 58.9342



25.7524, 21.0393, 7.8397

Square

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



19.0482, 21.0393, 58.9342



30.2620, 21.0393, 25.7828



20.9773, 21.0393, 5.7220



12.3638, 21.0393, 20.2556

Rectangle

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



19.0482, 21.0393, 58.9342



26.8427, 21.0393, 46.7880



20.9773, 21.0393, 5.7220



14.4274, 21.0393, 8.9570

Sweetspot

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



19.0490, 21.0400, 58.9347



64.5065, 72.7071, 105.2418



22.1454, 42.6514, 12.4330



13.0825, 14.8695, 22.4305



0.0000, 0.0000, 0.0000



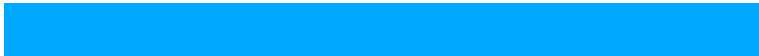
20.3446, 21.4041, 23.3091

Same Dimension

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



19.0490, 21.0400, 58.9347



32.0299, 35.1799, 99.7100



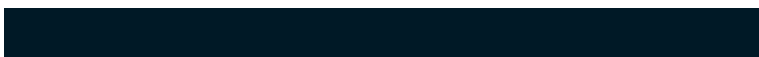
11.2250, 5.3919, 56.3267



11.2080, 12.0564, 14.3068



12.3415, 13.7069, 37.9515



0.7054, 0.8446, 1.9808

Inverse Universe

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



28.5916, 14.2512, 23.4345



48.2964, 24.0826, 39.0886



38.4234, 40.6884, 5.8298



11.5183, 11.3361, 13.2642



18.4403, 9.1867, 15.3032



0.9860, 0.4878, 0.9722

Previews

White Background



This preview shows how the XYZ color 19.0482, 21.0393, 58.9342 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 19.0482, 21.0393, 58.9342 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

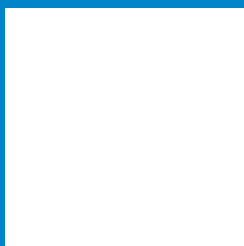
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.0482, 21.0393, 58.9342

Background



This preview shows how black text looks on a background with the XYZ color 19.0482, 21.0393, 58.9342.



This preview shows how white text looks on a background with the XYZ color 19.0482, 21.0393,

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

19.0482, 21.0393, 58.9342

Protanopia

22.3121, 21.0770, 53.9312

Deuteranopia

21.6682, 20.9868, 60.0356



Tritanopia

14.8831, 20.9582, 32.1151

Trichromacy



Original Color

19.0482, 21.0393, 58.9342

Protanomaly

19.7818, 20.3000, 55.6990

Deuteranomaly

19.9950, 20.7161, 59.4447

Tritanomaly

16.1071, 20.7559, 40.6935

Monochromacy



Original Color

19.0482, 21.0393, 58.9342

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.6069, 14.7352, 26.2245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0482, 21.0393, 58.9342 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(0, 133, 202)` looks like.

```
.text, #text, p{  
    color:rgb(0, 133, 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(0, 133, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 133, 202) }
```

Border

The CSS property to change the border of an element to XYZ 19.0482, 21.0393, 58.9342 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(0, 133, 202) }
```


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

```
.border{ border-color:rgb(0, 133, 202) }
```

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

Here you see how a box with a 4 pixel rgb(0, 133, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 133, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 133, 202);  
box-shadow:4px 4px 4px 4px rgb(0, 133,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0482, 21.0393, 58.9342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 133, 202) }
```

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

```
.background{ background-color: rgb(0, 133,  
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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