

Converting Colors

XYZ(19.3195, 21.5120, 39.0108)

Have a look what the booklet for
XYZ(19.3195, 21.5120, 39.0108)
contains.

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Color

**XYZ(19.2540, 21.3795,
39.1883)**

Conversions

Conversions Part 1

Format	Color
Hex	5984A6
RGB	89, 132, 166
RGB Percent	35%, 52%, 65%
CMY	0.6510, 0.4823, 0.3490
CMYK	0.46, 0.20, 0.00, 0.35
HSL	206°, 30%, 50%
HSV	206°, 46%, 65%
XYZ	19.2540, 21.3795, 39.1883
YIQ	123.0190, -36.5420, 1.4580

Conversions

Conversions Part 2

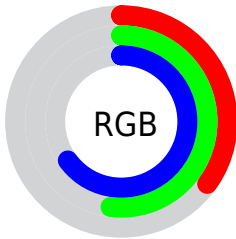
Format	Color
R_{YB}	89, 117, 166
Decimal	5866662
CIE _{Lab}	53.36, -5.33, -22.67
CIE _{LCh}	53, 23.291, 256.783
Yxy	21.3795, 0.2412, 0.2678
Android (android.graphics.Color)	4284056742 (0xFF5984A6)
YUV	123.0190, 21.1896, -29.8347
Hunter-Lab	46.2380, -6.5871, -17.8838

Details

The XYZ color **19.2540, 21.3795, 39.1883** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **24.6126, 22.9949, 12.5932**, and the grayscale version is **18.7745, 19.7523, 21.5102**.

A 20% lighter version of the original color is **41.7278, 45.7580, 75.0395**, and **6.8237, 7.7587, 17.0575** is the 20% darker color. If you saturate the color by 10%, you get **16.8778, 18.7308, 38.8027**, and if you desaturate by 10%, it is **22.0606, 24.3547, 39.6150**.

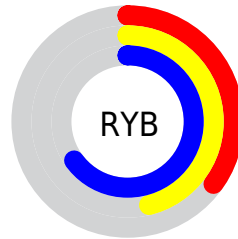
Distribution



Red (35%)

Green (52%)

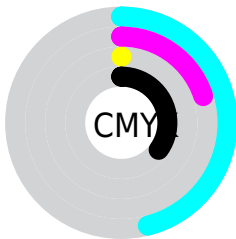
Blue (65%)



Red (35%)

Yellow (46%)

Blue (65%)

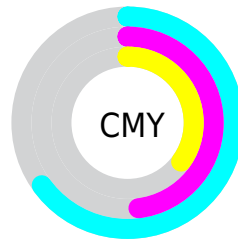


Cyan (46%)

Magenta (20%)

Yellow (0%)

Black (35%)



Cyan (65%)

Magenta (48%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2540, 21.3795, 39.1883 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 19.2540, 21.3795, 39.1883 by changing the saturation by 10% instead.

■ 19.2540, 21.3795,
39.1883

■ 19.2540, 21.3795,
39.1883

240.7587,
259.2885, 358.1402

■ 11.9590, 13.4017,
26.5973

■ 41.6764, 45.7183,
75.1494

■ 6.7878, 7.7057,
17.0412

■ 57.5346, 62.8480,
99.3566

■ 3.3749, 3.9072,
10.1016

■ 76.9779, 83.7972,
128.2729

■ 1.3550, 1.6218,
5.3599

■ 100.3717,
108.9502, 162.3168

■ 0.2238, 0.3722,
2.3975

128.0813,
138.6915, 201.9070

■ 0.0000, 0.0000,
0.7851

160.4721,

■ 0.0000, 0.0000,

173.4053, 247.4619

0.0000

197.9095,
213.4762, 299.4002

■ 19.2540, 21.3795,
39.1883

■ 19.2540, 21.3795,
39.1883

■ 16.8778, 18.7308,
38.8027

■ 22.0606, 24.3547,
39.6150

■ 14.9042, 16.3908,
38.4550

■ 25.3191, 27.6681,
40.0828

■ 13.3047, 14.3430,
38.1441

■ 29.0520, 31.3338,
40.5936

■ 12.0461, 12.5682,
37.8678

■ 33.2794, 35.3641,
41.1488

■ 11.0822, 11.0400,
37.6237

■ 38.0203, 39.7707,
41.7495

■ 10.7713, 10.5297,
37.5416

■ 43.2929, 44.5648,
42.3969

■ 49.1140, 49.7569,
43.0923

■ 55.4999, 55.3572,
43.8367

■ 62.4663, 61.3754,
44.6311

Harmonies

Analogous

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



17.2390, 21.3795, 34.6639



19.2540, 21.3795, 39.1883



21.7229, 21.3795, 38.8791

Triad

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



19.2540, 21.3795, 39.1883



25.2149, 21.3795, 19.5681



17.0524, 21.3795, 15.1521

Complementary

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



19.2540, 21.3795, 39.1883



24.6126, 22.9949, 12.5932

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.



18.9799, 21.3795, 12.5342



19.2540, 21.3795, 39.1883



23.7491, 21.3795, 14.7070

Square

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



19.2540, 21.3795, 39.1883



25.3033, 21.3795, 26.5288



21.4258, 21.3795, 12.3897



16.0391, 21.3795, 20.3054

Rectangle

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



19.2540, 21.3795, 39.1883



23.2990, 21.3795, 35.9591



21.4258, 21.3795, 12.3897



17.6075, 21.3795, 13.9964

Sweetspot

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



19.2547, 21.3803, 39.1888



54.2790, 58.3645, 73.8799



21.2923, 30.8111, 23.3574



11.8053, 12.7318, 16.4874



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



19.2547, 21.3803, 39.1888



30.3742, 33.6985, 70.3789



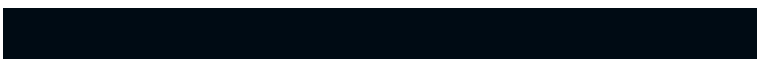
15.0180, 12.9069, 37.7766



7.4662, 7.9692, 9.5630



8.3996, 8.2595, 29.1270



0.2541, 0.3004, 0.7252

Inverse Universe

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



23.4637, 16.9184, 23.8594



39.2913, 25.6145, 37.5958



30.2512, 34.2719, 14.4727



7.6999, 7.6098, 8.7368



13.7403, 6.9049, 8.7102



0.3594, 0.1780, 0.3441

Previews

White Background



This preview shows how the XYZ color 19.2540, 21.3795, 39.1883 looks on a white background.

Color Contrast Check

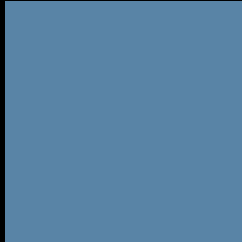
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2540, 21.3795, 39.1883 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

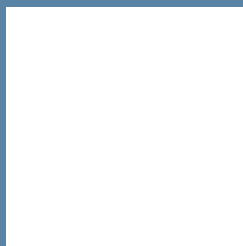
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.2540, 21.3795, 39.1883

Background



This preview shows how black text looks on a background with the XYZ color 19.2540, 21.3795, 39.1883.

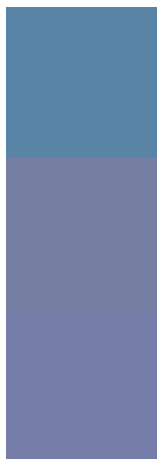


This preview shows how white text looks on a background with the XYZ color 19.2540, 21.3795,

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

19.2540, 21.3795, 39.1883

Protanopia

21.3651, 21.3465, 36.7124

Deuteranopia

21.7376, 21.2763, 40.0068



Tritanopia

17.4196, 21.2423, 30.3762

Trichromacy



Original Color

19.2540, 21.3795, 39.1883

Protanomaly

20.3934, 21.2085, 37.6691

Deuteranomaly

20.7576, 21.3542, 39.5869

Tritanomaly

18.0212, 21.2814, 33.2949

Monochromacy



Original Color

19.2540, 21.3795, 39.1883

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.6766, 20.1653, 27.3340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2540, 21.3795, 39.1883 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(89, 132, 166)` looks like.

```
.text, #text, p{  
    color:rgb(89, 132, 166)  
}
```

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(89, 132, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 132, 166) }
```

Border

The CSS property to change the border of an element to XYZ 19.2540, 21.3795, 39.1883 is called "border". The border property can be set on classes, ids or directly on the HTML element.

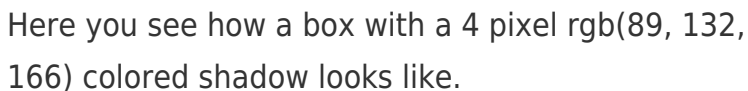
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(89, 132, 166) }
```


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

```
.border{ border-color:rgb(89, 132, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(89, 132, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(89, 132, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(89, 132, 166); box-shadow:4px 4px 4px 4px rgb(89, 132, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2540, 21.3795, 39.1883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 132, 166) }
```

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

```
.background{ background-color: rgb(89, 132,  
166) }
```

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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