

Converting Colors

XYZ(19.3411, 21.9154, 54.2497)

Have a look what the booklet for
XYZ(19.3411, 21.9154, 54.2497)
contains.

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Color

**XYZ(19.3411, 21.9154,
54.2497)**

Conversions

Conversions Part 1

Format	Color
Hex	2688C2
RGB	38, 136, 194
RGB Percent	15%, 53%, 76%
CMY	0.8509, 0.4667, 0.2392
CMYK	0.80, 0.30, 0.00, 0.24
HSL	202°, 67%, 45%
HSV	202°, 80%, 76%
XYZ	19.3411, 21.9154, 54.2497
YIQ	113.3100, -77.0260, -2.7380

Conversions

Conversions Part 2

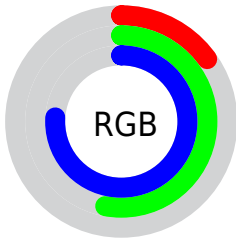
Format	Color
RYB	38, 98, 194
Decimal	2525378
CIELab	53.94, -7.36, -37.97
CIELCh	54, 38.679, 259.030
Yxy	21.9154, 0.2025, 0.2295
Android (android.graphics.Color)	4280715458 (0xFF2688C2)
YUV	113.3100, 39.7802, -66.0469
Hunter-Lab	46.8139, -8.1772, -35.9378

Details

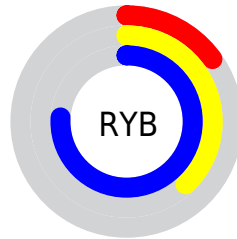
The XYZ color **19.3411, 21.9154, 54.2497** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **26.7826, 19.9777, 4.2794**, and the grayscale version is **15.6914, 16.5086, 17.9779**.

A 20% lighter version of the original color is **41.7945, 46.5484, 98.0487**, and **8.1418, 8.7098, 26.0630** is the 20% darker color. If you saturate the color by 10%, you get **17.8211, 19.6744, 53.8977**, and if you desaturate by 10%, it is **21.3035, 24.4866, 54.6430**.

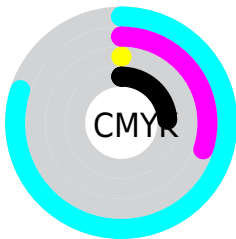
Distribution



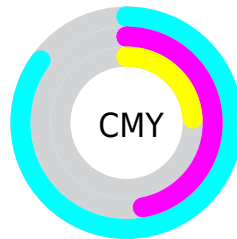
- Red (15%)
- Green (53%)
- Blue (76%)



- Red (15%)
- Yellow (38%)
- Blue (76%)



- Cyan (80%)
- Magenta (30%)
- Yellow (0%)
- Black (24%)



- Cyan (85%)
- Magenta (47%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3411, 21.9154, 54.2497 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 19.3411, 21.9154, 54.2497 by changing the saturation by 10% instead.

■ 19.3411, 21.9154,
54.2497

■ 19.3411, 21.9154,
54.2497

241.2275,
262.1042, 420.2630

■ 12.0225, 13.7947,
38.4068

■ 41.8221, 46.6061,
97.9009

■ 6.8313, 7.9780,
25.9943

■ 57.7152, 63.9450,
126.5462

■ 3.4022, 4.0809,
16.5936

■ 77.1972, 85.1254,
160.2961

■ 1.3699, 1.7189,
9.7863

■ 100.6334,
110.5317, 199.5691

■ 0.2346, 0.4359,
5.1538

■ 128.3892,
140.5484, 244.7838

■ 0.0000, 0.0000,
2.2774

160.8299,

■ 0.0000, 0.0000,

175.5597, 296.3586

0.7185

198.3209,
215.9502, 354.7122

■ 0.0000, 0.0000,
0.0000

■ 19.3411, 21.9154,
54.2497

■ 19.3411, 21.9154,
54.2497

■ 17.8211, 19.6744,
53.8977

■ 21.3035, 24.4866,
54.6430

■ 16.6809, 17.7815,
53.5924

■ 23.7581, 27.4148,
55.0788

■ 26.7500, 30.7252,
55.5601

■ 30.3180, 34.4397,
56.0890

■ 34.4973, 38.5783,
56.6676

■ 39.3199, 43.1592,
57.2976

■ 44.8155, 48.1994,
57.9808

■ 51.0119, 53.7148,
58.7188

■ 57.9352, 59.7207,
59.5132

Harmonies

Analogous

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



16.0027, 21.9154, 45.7386



19.3411, 21.9154, 54.2497



23.5552, 21.9154, 52.8181

Triad

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



19.3411, 21.9154, 54.2497



29.3663, 21.9154, 17.1306



15.3435, 21.9154, 11.7508

Complementary

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



19.3411, 21.9154, 54.2497



26.7826, 19.9777, 4.2794

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.



18.3234, 21.9154, 8.0716



19.3411, 21.9154, 54.2497



26.5417, 21.9154, 10.3842

Square

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



19.3411, 21.9154, 54.2497



29.7345, 21.9154, 28.5040



22.3933, 21.9154, 7.6728



13.9084, 21.9154, 19.7537

Rectangle

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



19.3411, 21.9154, 54.2497



26.2980, 21.9154, 46.5141



22.3933, 21.9154, 7.6728



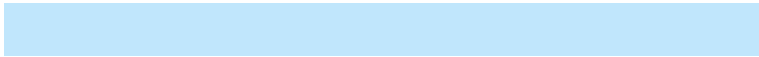
16.1778, 21.9154, 10.0999

Sweetspot

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



19.3419, 21.9161, 54.2503



67.6205, 74.7955, 103.3428



22.1669, 39.8263, 17.3954



14.1205, 15.7242, 22.5408



0.0000, 0.0000, 0.0000



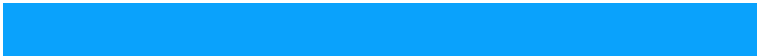
20.3446, 21.4041, 23.3091

Same Dimension

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



19.3419, 21.9161, 54.2503



30.7484, 33.0818, 97.2346



12.0919, 7.4161, 51.8336



10.0436, 10.7785, 12.8359



11.0478, 11.8520, 35.2620



0.5416, 0.6405, 1.5450

Inverse Universe

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



27.3860, 14.6342, 24.6744



46.9693, 23.6194, 36.4235



37.5809, 41.5744, 7.8789



10.3333, 10.1819, 11.8457



16.9724, 8.4787, 13.0325



0.7657, 0.3793, 0.7338

Previews

White Background



This preview shows how the XYZ color 19.3411, 21.9154, 54.2497 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 19.3411, 21.9154, 54.2497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

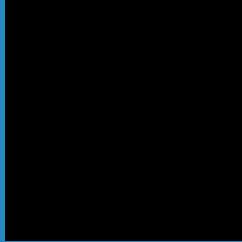
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.3411, 21.9154, 54.2497

Background



This preview shows how black text looks on a background with the XYZ color 19.3411, 21.9154, 54.2497.

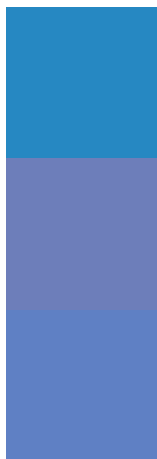


This preview shows how white text looks on a background with the XYZ color 19.3411, 21.9154,

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

19.3411, 21.9154, 54.2497

Protanopia

22.6305, 21.7181, 49.4536

Deuteranopia

22.4023, 21.8568, 55.2626



Tritanopia

15.5057, 21.6791, 33.9391

Trichromacy



Original Color

19.3411, 21.9154, 54.2497

Protanomaly

20.7352, 21.4784, 51.1970

Deuteranomaly

20.7907, 21.6286, 54.7087

Tritanomaly

16.7206, 21.7141, 40.8461

Monochromacy



Original Color

19.3411, 21.9154, 54.2497

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.5576, 17.6062, 28.1695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3411, 21.9154, 54.2497 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(38, 136, 194)` looks like.

```
.text, #text, p{  
    color:rgb(38, 136, 194)  
}
```

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(38, 136, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 136, 194) }
```

Border

The CSS property to change the border of an element to XYZ 19.3411, 21.9154, 54.2497 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(38, 136, 194) }
```


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

```
.border{ border-color:rgb(38, 136, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 136, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 136, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 136, 194);  
box-shadow:4px 4px 4px 4px rgb(38, 136,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3411, 21.9154, 54.2497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 136, 194) }
```

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

```
.background{ background-color: rgb(38, 136,  
194) }
```

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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