

Converting Colors

XYZ(19.2645, 21.7209, 30.1070)

Have a look what the booklet for
XYZ(19.2645, 21.7209, 30.1070)
contains.

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Color

**XYZ(19.3241, 21.8226,
29.9818)**

Conversions

Conversions Part 1

Format	Color
Hex	698591
RGB	105, 133, 145
RGB Percent	41%, 52%, 57%
CMY	0.5882, 0.4784, 0.4314
CMYK	0.28, 0.08, 0.00, 0.43
HSL	198°, 16%, 49%
HSV	198°, 28%, 57%
XYZ	19.3241, 21.8226, 29.9818
YIQ	125.9960, -20.5400, -2.2040

Conversions

Conversions Part 2

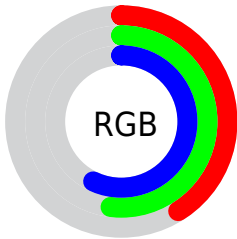
Format	Color
R_{YB}	105, 121, 145
Decimal	6915473
CIE Lab	53.84, -7.02, -9.70
CIE LCh	54, 11.978, 234.118
Yxy	21.8226, 0.2717, 0.3068
Android (android.graphics.Color)	4285105553 (0xFF698591)
YUV	125.9960, 9.3690, -18.4135
Hunter-Lab	46.7147, -7.9119, -5.3525

Details

The XYZ color **19.3241, 21.8226, 29.9818** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.5886, 19.7627, 16.0947**, and the grayscale version is **19.8045, 20.8359, 22.6903**.

A 20% lighter version of the original color is **41.7723, 46.4094, 60.7891**, and **6.8668, 8.0076, 12.0102** is the 20% darker color. If you saturate the color by 10%, you get **17.1810, 19.8525, 29.7148**, and if you desaturate by 10%, it is **21.7836, 23.9935, 30.2716**.

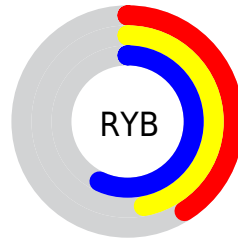
Distribution



Red (41%)

Green (52%)

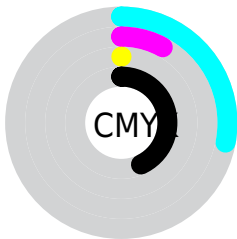
Blue (57%)



Red (41%)

Yellow (47%)

Blue (57%)

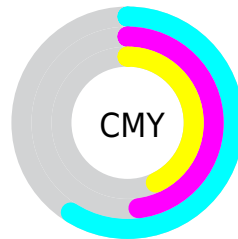


Cyan (28%)

Magenta (8%)

Yellow (0%)

Black (43%)



Cyan (59%)

Magenta (48%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3241, 21.8226, 29.9818 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 19.3241, 21.8226, 29.9818 by changing the saturation by 10% instead.

■ 19.3241, 21.8226,
29.9818

■ 19.3241, 21.8226,
29.9818

241.1361,
261.6184, 316.0243

■ 12.0101, 13.7266,
19.5728

■ 41.7937, 46.4526,
60.6941

■ 6.8228, 7.9308,
11.9039

■ 57.6800, 63.7554,
81.8344

■ 3.3969, 4.0507,
6.5566

■ 77.1544, 84.8960,
107.3890

■ 1.3669, 1.7020,
3.1121

■ 100.5823,
110.2586, 137.7764

■ 0.2325, 0.4249,
1.1522

128.3291,
140.2278, 173.4151

■ 0.0000, 0.0000,
0.0000

160.7601,

175.1879, 214.7236

198.2406,
215.5233, 262.1205

■ 19.3241, 21.8226,
29.9818

■ 19.3241, 21.8226,
29.9818

■ 17.1810, 19.8525,
29.7148

■ 21.7836, 23.9935,
30.2716

■ 15.3373, 18.0723,
29.4684

■ 24.5716, 26.3703,
30.5834

■ 13.7773, 16.4742,
29.2422

■ 27.7016, 28.9609,
30.9185

■ 12.4831, 15.0483,
29.0352

■ 31.1863, 31.7722,
31.2774

■ 11.4345, 13.7839,
28.8464

■ 35.0371, 34.8105,
31.6609

10.6081, 12.6684,
28.6746

39.2654, 38.0821,
32.0695

9.9608, 11.6790,
28.5178

43.8818, 41.5929,
32.5039

9.8137, 11.4499,
28.4813

48.8965, 45.3485,
32.9645

54.3194, 49.3544,
33.4519

Harmonies

Analogous

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



18.5630, 21.8226, 26.7779



19.3241, 21.8226, 29.9818



20.4890, 21.8226, 31.5357

Triad

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



19.3241, 21.8226, 29.9818



23.3034, 21.8226, 24.4953



19.7464, 21.8226, 17.8590

Complementary

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



19.3241, 21.8226, 29.9818



20.5886, 19.7627, 16.0947

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.



20.9965, 21.8226, 17.3825



19.3241, 21.8226, 29.9818



23.0846, 21.8226, 20.9799

Square

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



19.3241, 21.8226, 29.9818



22.8132, 21.8226, 28.1643



22.2270, 21.8226, 18.4665



18.7996, 21.8226, 19.8426

Rectangle

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



19.3241, 21.8226, 29.9818



21.3515, 21.8226, 31.3226



22.2270, 21.8226, 18.4665



20.1437, 21.8226, 17.5264

Sweetspot

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



19.3248, 21.8235, 29.9823



43.6964, 46.9666, 54.7360



19.1235, 24.5233, 20.3510



9.5604, 10.3131, 12.1589



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.3248, 21.8235, 29.9823



32.1988, 36.8864, 53.3963



16.9169, 17.0078, 29.1797



5.4256, 5.8469, 6.8714



8.4407, 9.8675, 24.4368



0.1000, 0.1330, 0.2401

Inverse Universe

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



20.9629, 17.8170, 24.5253



35.6853, 28.7152, 41.7019



23.0785, 24.7425, 16.9247



5.5583, 5.4838, 6.4379



12.0636, 5.9825, 11.2522



0.1251, 0.0611, 0.1590

Previews

White Background



This preview shows how the XYZ color 19.3241, 21.8226, 29.9818 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 19.3241, 21.8226, 29.9818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

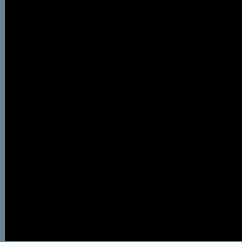
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

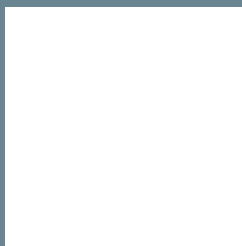
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.3241, 21.8226, 29.9818

Background



This preview shows how black text looks on a background with the XYZ color 19.3241, 21.8226, 29.9818.



This preview shows how white text looks on a background with the XYZ color 19.3241, 21.8226,

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

19.3241, 21.8226, 29.9818

Protanopia

21.1495, 21.6139, 28.2565

Deuteranopia

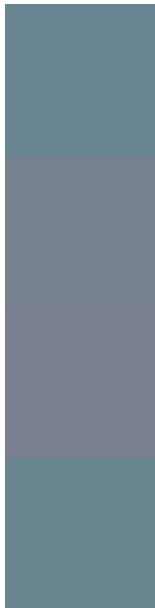
22.1158, 21.6793, 30.6227



Tritanopia

19.2473, 21.7919, 29.5774

Trichromacy



Original Color

19.3241, 21.8226, 29.9818

Protanomaly

20.3405, 21.5754, 28.6836

Deuteranomaly

20.9335, 21.6512, 30.2699

Tritanomaly

19.2473, 21.7919, 29.5774

Monochromacy



Original Color

19.3241, 21.8226, 29.9818

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.5551, 21.2455, 25.2604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3241, 21.8226, 29.9818 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(105, 133, 145)` looks like.

```
.text, #text, p{  
    color:rgb(105, 133, 145)  
}
```

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(105, 133, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 133, 145) }
```

Border

The CSS property to change the border of an element to XYZ 19.3241, 21.8226, 29.9818 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(105, 133, 145) }
```


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

```
.border{ border-color:rgb(105, 133, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 133, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 133, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 133, 145);  
box-shadow:4px 4px 4px 4px rgb(105, 133,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3241, 21.8226, 29.9818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 133, 145) }
```

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

```
.background{ background-color: rgb(105,  
133, 145) }
```

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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