

Converting Colors

XYZ(19.4521, 21.4574, 29.0238)

Have a look what the booklet for
XYZ(19.4521, 21.4574, 29.0238)
contains.

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Color

**XYZ(19.5046, 21.5308,
29.1144)**

Conversions

Conversions Part 1

Format	Color
Hex	6E838F
RGB	110, 131, 143
RGB Percent	43%, 51%, 56%
CMY	0.5686, 0.4863, 0.4392
CMYK	0.23, 0.08, 0.00, 0.44
HSL	202°, 13%, 50%
HSV	202°, 23%, 56%
XYZ	19.5046, 21.5308, 29.1144
YIQ	126.0890, -16.3680, -0.7200

Conversions

Conversions Part 2

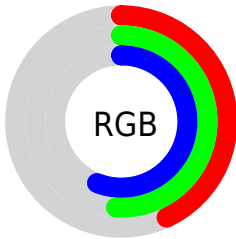
Format	Color
R_{YB}	110, 123, 143
Decimal	7242639
CIE _{Lab}	53.53, -4.76, -8.98
CIE _{LCh}	54, 10.161, 242.064
Yxy	21.5308, 0.2780, 0.3069
Android (android.graphics.Color)	4285432719 (0xFF6E838F)
YUV	126.0890, 8.3371, -14.1101
Hunter-Lab	46.4013, -6.1705, -4.7205

Details

The XYZ color **19.5046, 21.5308, 29.1144** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.1018, 20.8843, 17.6711**, and the grayscale version is **19.8385, 20.8716, 22.7292**.

A 20% lighter version of the original color is **42.1188, 45.9936, 59.4811**, and **6.9175, 7.8170, 11.5002** is the 20% darker color. If you saturate the color by 10%, you get **17.1863, 19.3254, 28.8113**, and if you desaturate by 10%, it is **22.1464, 23.9561, 29.4436**.

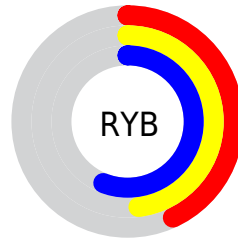
Distribution



Red (43%)

Green (51%)

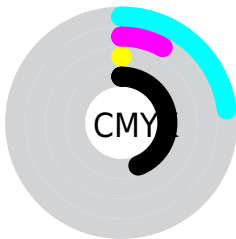
Blue (56%)



Red (43%)

Yellow (48%)

Blue (56%)

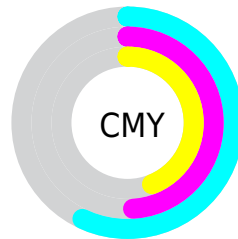


Cyan (23%)

Magenta (8%)

Yellow (0%)

Black (44%)



Cyan (57%)

Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5046, 21.5308, 29.1144 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 19.5046, 21.5308, 29.1144 by changing the saturation by 10% instead.

■ 19.5046, 21.5308,
29.1144

■ 19.5046, 21.5308,
29.1144

242.1055,
260.0861, 311.8322

■ 12.1416, 13.5125,
18.9211

■ 42.0953, 45.9693,
59.3031

■ 6.9131, 7.7824,
11.4370

■ 58.0538, 63.1583,
80.1356

■ 3.4536, 3.9560,
6.2437

■ 77.6082, 84.1730,
105.3516

■ 1.3980, 1.6490,
2.9227

■ 101.1237,
109.3978, 135.3695

■ 0.2548, 0.3903,
1.0553

128.9659,
139.2172, 170.6080

■ 0.0000, 0.0000,
0.0000

161.5000,

174.0154, 211.4856

199.0914,
214.1769, 258.4208

■ 19.5046, 21.5308,
29.1144

■ 19.5046, 21.5308,
29.1144

■ 17.1863, 19.3254,
28.8113

■ 22.1464, 23.9561,
29.4436

■ 15.1752, 17.3292,
28.5319

■ 25.1232, 26.6062,
29.7983

■ 13.4567, 15.5342,
28.2761

■ 28.4479, 29.4893,
30.1795

■ 12.0140, 13.9312,
28.0427

■ 32.1327, 32.6121,
30.5881

■ 10.8282, 12.5095,
27.8308

■ 36.1886, 35.9812,
31.0246

■ 9.8783, 11.2575,
27.6392

■ 40.6266, 39.6028,
31.4897

■ 9.1390, 10.1613,
27.4665

■ 45.4568, 43.4829,
31.9841

■ 8.6999, 9.4670,
27.3557

■ 50.6894, 47.6272,
32.5082

■ 56.3337, 52.0414,
33.0628

Harmonies

Analogous

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



18.7505, 21.5308, 26.7526



19.5046, 21.5308, 29.1144



20.5394, 21.5308, 29.9199

Triad

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



19.5046, 21.5308, 29.1144



22.6159, 21.5308, 23.2293



19.3791, 21.5308, 18.7455

Complementary

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



19.5046, 21.5308, 29.1144



21.1018, 20.8843, 17.6711

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.



20.3895, 21.5308, 17.9762



19.5046, 21.5308, 29.1144



22.2796, 21.5308, 20.4189

Square

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



19.5046, 21.5308, 29.1144



22.3590, 21.5308, 26.3486



21.4551, 21.5308, 18.5612



18.6799, 21.5308, 20.7600

Rectangle

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



19.5046, 21.5308, 29.1144



21.2563, 21.5308, 29.4136



21.4551, 21.5308, 18.5612



19.6924, 21.5308, 18.3412

Sweetspot

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



19.5052, 21.5317, 29.1149



42.7468, 45.6652, 53.0993



19.7382, 24.3543, 21.9274



9.7412, 10.4173, 12.1695



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.



19.5052, 21.5317, 29.1149



32.5702, 36.3329, 51.8343



17.5137, 17.5486, 28.4510



5.3976, 5.7910, 6.8621



7.7126, 8.4112, 24.1941



0.0948, 0.1225, 0.2383

Inverse Universe

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



21.0008, 18.6306, 23.9630



35.8087, 30.3133, 40.6199



23.2381, 25.1571, 18.3832



5.5442, 5.4782, 6.3636



11.6961, 5.8354, 9.3168



0.1224, 0.0600, 0.1449

Previews

White Background



This preview shows how the XYZ color 19.5046, 21.5308, 29.1144 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 19.5046, 21.5308, 29.1144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

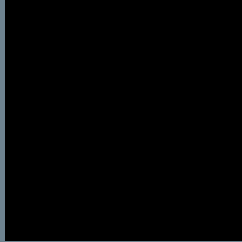
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

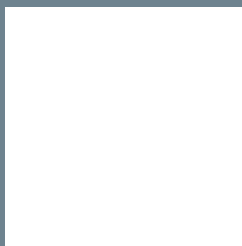
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.5046, 21.5308, 29.1144

Background



This preview shows how black text looks on a background with the XYZ color 19.5046, 21.5308, 29.1144.

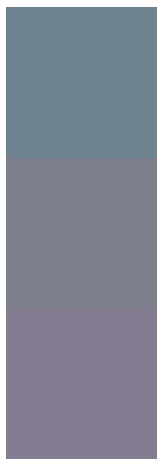


This preview shows how white text looks on a background with the XYZ color 19.5046, 21.5308,

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

19.5046, 21.5308, 29.1144

Protanopia

20.9272, 21.5078, 27.8594

Deuteranopia

21.7574, 21.3345, 29.3568



Tritanopia

19.4292, 21.5006, 28.7172

Trichromacy



Original Color

19.5046, 21.5308, 29.1144

Protanomaly

20.2726, 21.3545, 28.2527

Deuteranomaly

20.9356, 21.4774, 29.4277

Tritanomaly

19.4292, 21.5006, 28.7172

Monochromacy



Original Color

19.5046, 21.5308, 29.1144

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.6298, 21.0974, 24.8674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5046, 21.5308, 29.1144 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(110, 131, 143)` looks like.

```
.text, #text, p{  
    color:rgb(110, 131, 143)  
}
```

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(110, 131, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 131, 143) }
```

Border

The CSS property to change the border of an element to XYZ 19.5046, 21.5308, 29.1144 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(110, 131, 143) }
```


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

```
.border{ border-color:rgb(110, 131, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 131, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 131, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 131, 143);  
box-shadow:4px 4px 4px 4px rgb(110, 131,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5046, 21.5308, 29.1144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 131, 143) }
```

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

```
.background{ background-color: rgb(110,  
131, 143) }
```

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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