

Converting Colors

XYZ(19.5861, 21.8203, 28.1871)

Have a look what the booklet for
XYZ(19.5861, 21.8203, 28.1871)
contains.

XYZ(19.6145, 21.8051, 28.3743)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.6145, 21.8051,
28.3743)**

Conversions

Conversions Part 1

Format	Color
Hex	6F848D
RGB	111, 132, 141
RGB Percent	44%, 52%, 55%
CMY	0.5647, 0.4823, 0.4471
CMYK	0.21, 0.06, 0.00, 0.45
HSL	198°, 12%, 49%
HSV	198°, 21%, 55%
XYZ	19.6145, 21.8051, 28.3743
YIQ	126.7470, -15.4050, -1.6530

Conversions

Conversions Part 2

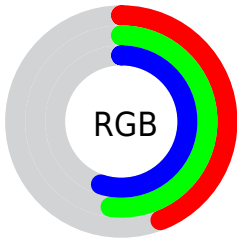
Format	Color
R_{YB}	111, 123, 141
Decimal	7308429
CIE _{Lab}	53.82, -5.47, -7.37
CIE _{LCh}	54, 9.180, 233.389
Yxy	21.8051, 0.2810, 0.3124
Android (android.graphics.Color)	4285498509 (0xFF6F848D)
YUV	126.7470, 7.0267, -13.8101
Hunter-Lab	46.6959, -6.7394, -3.3398

Details

The XYZ color **19.6145, 21.8051, 28.3743** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.5704, 20.2434, 17.8625**, and the grayscale version is **20.0670, 21.1121, 22.9910**.

A 20% lighter version of the original color is **42.3035, 46.4246, 58.3610**, and **7.0315, 7.9986, 11.0708** is the 20% darker color. If you saturate the color by 10%, you get **17.4167, 19.8384, 28.1109**, and if you desaturate by 10%, it is **22.1169, 23.9645, 28.6596**.

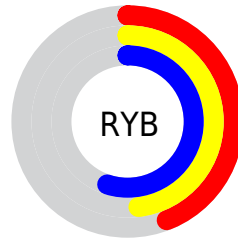
Distribution



Red (44%)

Green (52%)

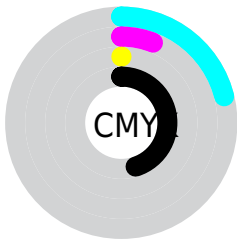
Blue (55%)



Red (44%)

Yellow (48%)

Blue (55%)

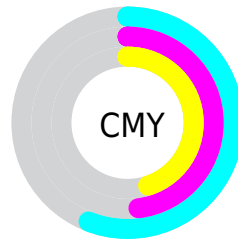


Cyan (21%)

Magenta (6%)

Yellow (0%)

Black (45%)



Cyan (56%)

Magenta (48%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6145, 21.8051, 28.3743 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 19.6145, 21.8051, 28.3743 by changing the saturation by 10% instead.

■ 19.6145, 21.8051,
28.3743

■ 19.6145, 21.8051,
28.3743

242.6940,
261.5268, 308.2192

■ 12.2218, 13.7138,
18.3665

■ 42.2788, 46.4237,
58.1118

■ 6.9682, 7.9219,
11.0413

■ 58.2811, 63.7197,
78.6785

■ 3.4884, 4.0450,
5.9801

■ 77.8839, 84.8527,
103.6020

■ 1.4170, 1.6988,
2.7644

■ 101.4527,
110.2071, 133.3007

■ 0.2683, 0.4229,
0.9756

129.3527,
140.1673, 168.1933

■ 0.0000, 0.0000,
0.0000

161.9494,

175.1178, 208.6982

199.6080,
215.4428, 255.2340

■ 19.6145, 21.8051,
28.3743

■ 19.6145, 21.8051,
28.3743

■ 17.4167, 19.8384,
28.1109

■ 22.1169, 23.9645,
28.6596

■ 15.5082, 18.0544,
27.8671

■ 24.9346, 26.3207,
28.9659

■ 13.8753, 16.4462,
27.6428

■ 28.0798, 28.8811,
29.2943

■ 12.5021, 15.0052,
27.4370

■ 31.5639, 31.6519,
29.6455

■ 11.3713, 13.7220,
27.2489

■ 35.3974, 34.6389,
30.0200

10.4630, 12.5859,
27.0775

39.5904, 37.8476,
30.4183

9.7542, 11.5847,
26.9216

44.1526, 41.2836,
30.8411

9.2421, 10.7917,
26.7955

49.0935, 44.9519,
31.2887

54.4219, 48.8574,
31.7617

Harmonies

Analogous

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



19.0327, 21.8051, 25.9642



19.6145, 21.8051, 28.3743



20.5075, 21.8051, 29.5565

Triad

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



19.6145, 21.8051, 28.3743



22.6667, 21.8051, 24.3728



19.9813, 21.8051, 19.0976

Complementary

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



19.6145, 21.8051, 28.3743



20.5704, 20.2434, 17.8625

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.



20.9442, 21.8051, 18.7450



19.6145, 21.8051, 28.3743



22.5150, 21.8051, 21.6505

Square

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



19.6145, 21.8051, 28.3743



22.2850, 21.8051, 27.1308



21.8768, 21.8051, 19.6436



19.2397, 21.8051, 20.6479

Rectangle

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



19.6145, 21.8051, 28.3743



21.1674, 21.8051, 29.4276



21.8768, 21.8051, 19.6436



20.2890, 21.8051, 18.8404

Sweetspot

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



19.6151, 21.8060, 28.3748



42.1326, 45.0429, 51.6014



19.4407, 23.7736, 21.1752



9.3488, 10.0089, 11.5186



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.6151, 21.8060, 28.3748



32.9816, 37.1477, 50.5598



17.7834, 18.1424, 27.7642



5.4256, 5.8469, 6.8714



8.4412, 9.8683, 24.4370



0.1000, 0.1330, 0.2401

Inverse Universe

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



20.8343, 18.6980, 24.3418



35.6444, 30.5862, 41.7001



22.4485, 23.9995, 18.4886



5.5583, 5.4838, 6.4379



12.0638, 5.9825, 11.2533



0.1251, 0.0611, 0.1590

Previews

White Background



This preview shows how the XYZ color 19.6145, 21.8051, 28.3743 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 19.6145, 21.8051, 28.3743 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

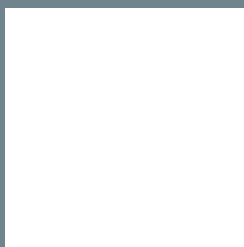
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.6145, 21.8051, 28.3743

Background



This preview shows how black text looks on a background with the XYZ color 19.6145, 21.8051, 28.3743.



This preview shows how white text looks on a background with the XYZ color 19.6145, 21.8051,

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

19.6145, 21.8051, 28.3743

Protanopia

21.2087, 21.8625, 27.1468

Deuteranopia

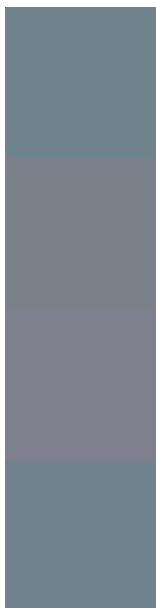
22.0476, 21.6886, 28.6155



Tritanopia

19.6893, 21.8350, 28.7680

Trichromacy



Original Color

19.6145, 21.8051, 28.3743

Protanomaly

20.5365, 21.7022, 27.5326

Deuteranomaly

21.2058, 21.8270, 28.6865

Tritanomaly

19.6893, 21.8350, 28.7680

Monochromacy



Original Color

19.6145, 21.8051, 28.3743

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.9003, 21.4314, 24.9176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6145, 21.8051, 28.3743 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(111, 132, 141)` looks like.

```
.text, #text, p{  
    color:rgb(111, 132, 141)  
}
```

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(111, 132, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 132, 141) }
```

Border

The CSS property to change the border of an element to XYZ 19.6145, 21.8051, 28.3743 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(111, 132, 141) }
```


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

```
.border{ border-color:rgb(111, 132, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 132, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 132, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 132, 141);  
box-shadow:4px 4px 4px 4px rgb(111, 132,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6145, 21.8051, 28.3743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 132, 141) }
```

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

```
.background{ background-color: rgb(111,  
132, 141) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor