

Converting Colors

XYZ(21.4980, 18.7254, 28.9686)

Have a look what the booklet for
XYZ(21.4980, 18.7254, 28.9686)
contains.

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Color

**XYZ(21.5945, 18.8282,
28.8816)**

Conversions

Conversions Part 1

Format	Color
Hex	8D6E90
RGB	141, 110, 144
RGB Percent	55%, 43%, 56%
CMY	0.4471, 0.5686, 0.4353
CMYK	0.02, 0.24, 0.00, 0.44
HSL	295°, 13%, 50%
HSV	295°, 24%, 56%
XYZ	21.5945, 18.8282, 28.8816
YIQ	123.1450, 7.5620, 17.1460

Conversions

Conversions Part 2

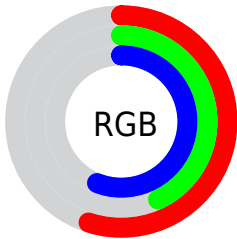
Format	Color
R_{YB}	141, 110, 144
Decimal	9268880
CIE _{Lab}	50.49, 18.52, -13.87
CIE _{LCh}	50, 23.141, 323.164
Yxy	18.8282, 0.3116, 0.2717
Android (android.graphics.Color)	4287458960 (0xFF8D6E90)
YUV	123.1450, 10.2815, 15.6588
Hunter-Lab	43.3915, 12.8985, -9.0897

Details

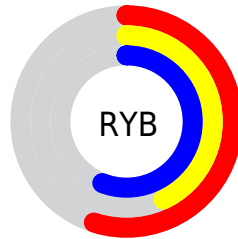
The XYZ color **21.5945, 18.8282, 28.8816** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.5984, 24.5835, 18.4649**, and the grayscale version is **18.8404, 19.8216, 21.5857**.

A 20% lighter version of the original color is **45.6190, 41.5200, 59.0359**, and **7.9595, 6.4271, 11.4107** is the 20% darker color. If you saturate the color by 10%, you get **19.9507, 15.8592, 28.3954**, and if you desaturate by 10%, it is **23.4944, 22.3051, 29.4528**.

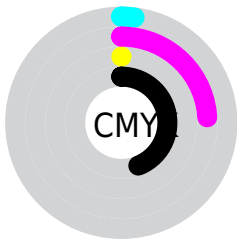
Distribution



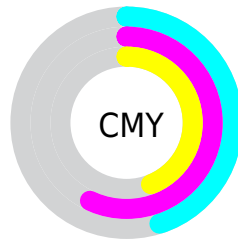
- Red (55%)
- Green (43%)
- Blue (56%)



- Red (55%)
- Yellow (43%)
- Blue (56%)



- Cyan (2%)
- Magenta (24%)
- Yellow (0%)
- Black (44%)



- Cyan (45%)
- Magenta (57%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5945, 18.8282, 28.8816 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 21.5945, 18.8282, 28.8816 by changing the saturation by 10% instead.

■ 21.5945, 18.8282,
28.8816

■ 21.5945, 18.8282,
28.8816

253.0936,
245.4987, 310.6993

■ 13.6742, 11.5462,
18.7465

■ 45.5587, 41.4436,
58.9289

■ 7.9746, 6.4355,
11.3123

■ 62.3334, 57.5458,
79.6781

■ 4.1304, 3.1116,
6.1605

■ 82.7901, 77.3568,
104.8024

■ 1.7761, 1.1903,
2.8725

■ 107.2944,
101.2611, 134.7203

■ 0.5032, 0.0538,
1.0299

136.2115,
129.6431, 169.8504

■ 0.0000, 0.0000,
0.0000

169.9069,

162.8870, 210.6113

208.7458,
201.3774, 257.4214

■ 21.5945, 18.8282,
28.8816

■ 21.5945, 18.8282,
28.8816

■ 19.9507, 15.8592,
28.3954

■ 23.4944, 22.3051,
29.4528

■ 18.5492, 13.3713,
27.9891

■ 25.6600, 26.3101,
30.1118

■ 17.3772, 11.3390,
27.6586

■ 28.1027, 30.8655,
30.8623

■ 16.4204, 9.7332,
27.3991

■ 30.8325, 35.9913,
31.7078

■ 15.6626, 8.5219,
27.2052

■ 33.8589, 41.7068,
32.6515

15.0853, 7.6681,
27.0708

37.1911, 48.0301,
33.6964

14.6666, 7.1277,
26.9886

40.8379, 54.9787,
34.8454

14.4401, 6.8626,
26.9494

44.8075, 62.5694,
36.1013

49.1082, 70.8183,
37.4668

Harmonies

Analogous

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



19.6557, 18.8282, 34.1654



21.5945, 18.8282, 28.8816



22.5545, 18.8282, 22.0143

Triad

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



21.5945, 18.8282, 28.8816



18.4166, 18.8282, 10.4789



14.1984, 18.8282, 25.7829

Complementary

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



21.5945, 18.8282, 28.8816



19.5984, 24.5835, 18.4649

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.



13.9271, 18.8282, 19.0581



21.5945, 18.8282, 28.8816



16.2439, 18.8282, 11.0733

Square

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



21.5945, 18.8282, 28.8816



20.6226, 18.8282, 12.0826



14.6453, 18.8282, 13.9216



15.4203, 18.8282, 32.1300

Rectangle

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



21.5945, 18.8282, 28.8816



22.4576, 18.8282, 17.8011



14.6453, 18.8282, 13.9216



13.9975, 18.8282, 23.4604

Sweetspot

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



21.5951, 18.8290, 28.8820



43.8531, 43.7989, 52.6807



17.4151, 17.2292, 28.7935



10.0121, 9.9618, 12.0673



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.



21.5951, 18.8290, 28.8820



36.5935, 30.5000, 50.4964



21.1343, 18.7044, 23.7571



5.5800, 5.4872, 6.7938



12.5845, 5.9812, 23.4683



0.1292, 0.0618, 0.2248

Inverse Universe

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



20.0588, 18.2742, 18.0936



33.4481, 29.3690, 28.1891



20.0171, 24.7071, 22.6511



5.4270, 5.4313, 5.7466



10.0817, 5.1897, 0.8157



0.0995, 0.0508, 0.0240

Previews

White Background



This preview shows how the XYZ color 21.5945, 18.8282, 28.8816 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 21.5945, 18.8282, 28.8816 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 21.5945, 18.8282, 28.8816

Background



This preview shows how black text looks on a background with the XYZ color 21.5945, 18.8282, 28.8816.



This preview shows how white text looks on a background with the XYZ color 21.5945, 18.8282,

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

21.5945, 18.8282, 28.8816

Protanopia

18.9119, 18.9064, 31.5067

Deuteranopia

19.3215, 19.0050, 28.6366



Tritanopia

20.0737, 18.8680, 21.3228

Trichromacy



Original Color

21.5945, 18.8282, 28.8816

Protanomaly

19.7591, 18.8399, 30.6120

Deuteranomaly

19.9907, 18.8338, 28.5683

Tritanomaly

20.6493, 18.9379, 24.0398

Monochromacy



Original Color

21.5945, 18.8282, 28.8816

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.7811, 19.3414, 24.1634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5945, 18.8282, 28.8816 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(141, 110, 144)` looks like.

```
.text, #text, p{  
    color:rgb(141, 110, 144)  
}
```

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(141, 110, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 110, 144) }
```

Border

The CSS property to change the border of an element to XYZ 21.5945, 18.8282, 28.8816 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(141, 110, 144) }
```


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

```
.border{ border-color:rgb(141, 110, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 110, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 110, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 110, 144);  
box-shadow:4px 4px 4px 4px rgb(141, 110,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5945, 18.8282, 28.8816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 110, 144) }
```

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

```
.background{ background-color: rgb(141,  
110, 144) }
```

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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