

Converting Colors

XYZ(21.6249, 18.2917, 27.0269)

Have a look what the booklet for
XYZ(21.6249, 18.2917, 27.0269)
contains.

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Color

**XYZ(21.5647, 18.2213,
27.1914)**

Conversions

Conversions Part 1

Format	Color
Hex	916A8C
RGB	145, 106, 140
RGB Percent	57%, 42%, 55%
CMY	0.4314, 0.5843, 0.4510
CMYK	0.00, 0.27, 0.03, 0.43
HSL	308°, 16%, 49%
HSV	308°, 27%, 57%
XYZ	21.5647, 18.2213, 27.1914
YIQ	121.5370, 12.3300, 18.8420

Conversions

Conversions Part 2

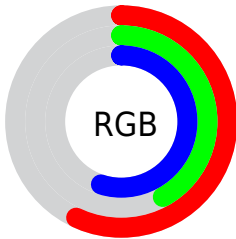
Format	Color
R_{YB}	145, 106, 140
Decimal	9529996
CIE _{Lab}	49.76, 21.49, -12.56
CIE _{LCh}	50, 24.895, 329.697
Yxy	18.2213, 0.3220, 0.2721
Android (android.graphics.Color)	4287720076 (0xFF916A8C)
YUV	121.5370, 9.1023, 20.5771
Hunter-Lab	42.6864, 15.4750, -7.8875

Details

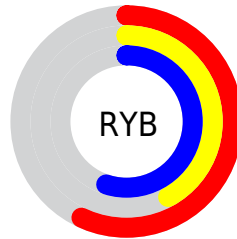
The XYZ color **21.5647, 18.2213, 27.1914** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.9392, 24.4632, 18.7637**, and the grayscale version is **18.3170, 19.2709, 20.9860**.

A 20% lighter version of the original color is **45.5177, 40.4909, 56.4554**, and **7.9746, 6.1440, 10.4385** is the 20% darker color. If you saturate the color by 10%, you get **20.0592, 15.4275, 26.0191**, and if you desaturate by 10%, it is **23.3264, 21.5230, 28.4609**.

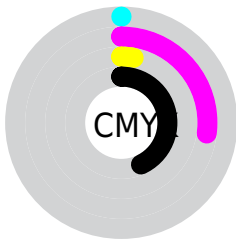
Distribution



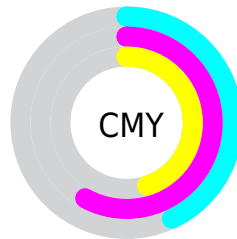
- Red (57%)
- Green (42%)
- Blue (55%)



- Red (57%)
- Yellow (42%)
- Blue (55%)



- Cyan (0%)
- Magenta (27%)
- Yellow (3%)
- Black (43%)



- Cyan (43%)
- Magenta (58%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5647, 18.2213, 27.1914 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 21.5647, 18.2213, 27.1914 by changing the saturation by 10% instead.

■ 21.5647, 18.2213,
27.1914

■ 21.5647, 18.2213,
27.1914

252.9398,
242.1155, 302.3721

■ 13.6522, 11.1090,
17.4833

■ 45.5097, 40.4141,
56.1983

■ 7.9592, 6.1402,
10.4141

■ 62.2729, 56.2633,
76.3342

■ 4.1205, 2.9305,
5.5652

■ 82.7171, 75.7936,
100.7832

■ 1.7705, 1.0956,
2.5181

■ 107.2076, 99.3894,
129.9637

■ 0.4998, 0.0000,
0.8497

136.1098,
127.4351, 164.2943

■ 0.0000, 0.0000,
0.0000

169.7890,

160.3151, 204.1935

208.6105,
198.4137, 250.0799

■ 21.5647, 18.2213,
27.1914

■ 21.5647, 18.2213,
27.1914

■ 20.0592, 15.4275,
26.0191

■ 23.3264, 21.5230,
28.4609

■ 18.7953, 13.1137,
24.9385

■ 25.3543, 25.3539,
29.8305

■ 17.7600, 11.2531,
23.9453

■ 27.6601, 29.7367,
31.3043

■ 16.9378, 9.8154,
23.0346

■ 30.2542, 34.6925,
32.8857

■ 16.3119, 8.7664,
22.2004

■ 33.1466, 40.2410,
34.5782

■ 15.8623, 8.0665,
21.4361

■ 36.3466, 46.4010,
36.3850

■ 15.5559, 7.6495,
20.7307

■ 39.8633, 53.1905,
38.3091

■ 15.4695, 7.5367,
20.5168

■ 43.7054, 60.6269,
40.3534

■ 47.8810, 68.7267,
42.5208

Harmonies

Analogous

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



19.6792, 18.2213, 33.4946



21.5647, 18.2213, 27.1914



22.2943, 18.2213, 19.9091

Triad

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



21.5647, 18.2213, 27.1914



17.3430, 18.2213, 9.4310



13.6497, 18.2213, 27.0438

Complementary

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



21.5647, 18.2213, 27.1914



18.9392, 24.4632, 18.7637

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.



13.1448, 18.2213, 19.7708



21.5647, 18.2213, 27.1914



15.1551, 18.2213, 10.5154

Square

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



21.5647, 18.2213, 27.1914



19.7248, 18.2213, 10.5608



13.6703, 18.2213, 13.9495



15.1169, 18.2213, 33.3967

Rectangle

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



21.5647, 18.2213, 27.1914



21.9799, 18.2213, 15.7532



13.6703, 18.2213, 13.9495



13.3681, 18.2213, 24.5785

Sweetspot

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



21.5653, 18.2221, 27.1918



44.9160, 44.4776, 53.0993



16.7648, 15.7038, 28.9359



9.8759, 9.6747, 11.7354



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.



21.5653, 18.2221, 27.1918



37.0085, 29.6359, 47.4631



20.2799, 17.7079, 20.4230



5.5969, 5.4993, 6.6413



13.2752, 6.4671, 17.6326



0.1323, 0.0640, 0.1969

Inverse Universe

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



21.5653, 18.2221, 27.1918



37.0085, 29.6359, 47.4631



20.1025, 24.9285, 24.8895



5.5969, 5.4993, 6.6413



13.2752, 6.4671, 17.6326



0.1323, 0.0640, 0.1969

Previews

White Background



This preview shows how the XYZ color 21.5647, 18.2213, 27.1914 looks on a white 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

Black Background



This preview shows how the XYZ color 21.5647, 18.2213, 27.1914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

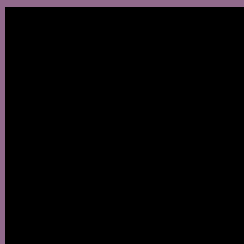
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.5647, 18.2213, 27.1914

Background



This preview shows how black text looks on a background with the XYZ color 21.5647, 18.2213, 27.1914.



This preview shows how white text looks on a background with the XYZ color 21.5647, 18.2213,

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

21.5647, 18.2213, 27.1914

Protanopia

18.2621, 18.2402, 30.5752

Deuteranopia

18.7180, 18.3907, 26.6080



Tritanopia

20.0013, 18.2106, 19.6004

Trichromacy



Original Color

21.5647, 18.2213, 27.1914

Protanomaly

19.1843, 18.0655, 29.2639

Deuteranomaly

19.6603, 18.1982, 26.9025

Tritanomaly

20.5622, 18.2833, 22.1839

Monochromacy



Original Color

21.5647, 18.2213, 27.1914

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.4138, 18.8216, 23.3786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5647, 18.2213, 27.1914 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(145, 106, 140)` looks like.

```
.text, #text, p{  
    color:rgb(145, 106, 140)  
}
```

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(145, 106, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 106, 140) }
```

Border

The CSS property to change the border of an element to XYZ 21.5647, 18.2213, 27.1914 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(145, 106, 140) }
```


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

```
.border{ border-color:rgb(145, 106, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 106, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 106, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 106, 140);  
box-shadow:4px 4px 4px 4px rgb(145, 106,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5647, 18.2213, 27.1914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 106, 140) }
```

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

```
.background{ background-color: rgb(145,  
106, 140) }
```

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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