

Converting Colors

XYZ(21.8170, 18.5709, 24.2645)

Have a look what the booklet for
XYZ(21.8170, 18.5709, 24.2645)
contains.

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Color

**XYZ(21.8170, 18.5709,
24.2645)**

Conversions

Conversions Part 1

Format	Color
Hex	956B84
RGB	149, 107, 132
RGB Percent	58%, 42%, 52%
CMY	0.4157, 0.5804, 0.4823
CMYK	0.00, 0.28, 0.11, 0.42
HSL	324°, 17%, 50%
HSV	324°, 28%, 58%
XYZ	21.8170, 18.5709, 24.2645
YIQ	122.4080, 17.0070, 16.6790

Conversions

Conversions Part 2

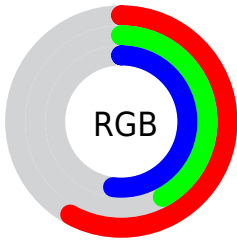
Format	Color
R_{YB}	149, 107, 132
Decimal	9792388
CIE _{Lab}	50.18, 20.88, -7.15
CIE _{LCh}	50, 22.067, 341.096
Yxy	18.5709, 0.3375, 0.2872
Android (android.graphics.Color)	4287982468 (0xFF956B84)
YUV	122.4080, 4.7289, 23.3212
Hunter-Lab	43.0940, 14.9540, -3.2181

Details

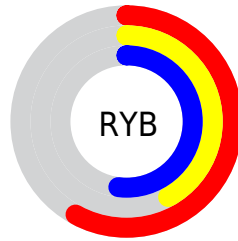
The XYZ color **21.8170, 18.5709, 24.2645** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.4497, 26.0765, 23.0254**, and the grayscale version is **18.6137, 19.5830, 21.3259**.

A 20% lighter version of the original color is **46.0569, 41.1364, 51.4116**, and **8.0551, 6.2938, 8.9739** is the 20% darker color. If you saturate the color by 10%, you get **19.9946, 15.5674, 21.6793**, and if you desaturate by 10%, it is **23.9320, 22.1210, 27.0654**.

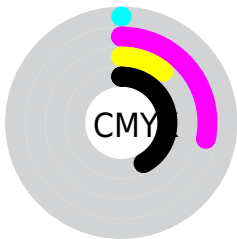
Distribution



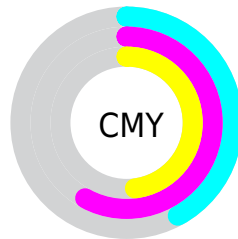
- Red (58%)
- Green (42%)
- Blue (52%)



- Red (58%)
- Yellow (42%)
- Blue (52%)



- Cyan (0%)
- Magenta (28%)
- Yellow (11%)
- Black (42%)



- Cyan (42%)
- Magenta (58%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8170, 18.5709, 24.2645 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 21.8170, 18.5709, 24.2645 by changing the saturation by 10% instead.

■ 21.8170, 18.5709,
24.2645

■ 21.8170, 18.5709,
24.2645

254.2395,
244.0695, 287.4845

■ 13.8383, 11.3606,
15.3159

■ 45.9245, 41.0078,
51.4107

■ 8.0893, 6.3100,
8.8923

■ 62.7840, 57.0031,
70.4454

■ 4.2044, 3.0345,
4.5752

■ 83.3345, 76.6957,
93.6793

■ 1.8184, 1.1497,
1.9459

■ 107.9414,
100.4697, 121.5308

■ 0.5287, 0.0201,
0.5217

136.9699,
128.7098, 154.4186

■ 0.0000, 0.0000,
0.0000

170.7856,

161.8002, 192.7611

209.7536,
200.1253, 236.9769

■ 21.8170, 18.5709,
24.2645

■ 21.8170, 18.5709,
24.2645

■ 19.9946, 15.5674,
21.6793

■ 23.9320, 22.1210,
27.0654

■ 18.4491, 13.0805,
19.3020

■ 26.3512, 26.2408,
30.0871

■ 17.1657, 11.0808,
17.1258

■ 29.0875, 30.9551,
33.3361

■ 16.1274, 9.5351,
15.1431

■ 32.1523, 36.2867,
36.8180

■ 15.3153, 8.4062,
13.3452

■ 35.5567, 42.2570,
40.5383

■ 14.7072, 7.6506,
11.7227

■ 39.3113, 48.8862,
44.5022

■ 14.2601, 7.1828,
10.2590

■ 43.4259, 56.1940,
48.7149

■ 14.1846, 7.1057,
10.0064

■ 47.9104, 64.1990,
53.1811

■ 52.7738, 72.9192,
57.9057

Harmonies

Analogous

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



20.4829, 18.5709, 30.4127



21.8170, 18.5709, 24.2645



21.9837, 18.5709, 18.0458

Triad

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



21.8170, 18.5709, 24.2645



16.8744, 18.5709, 10.7549



14.7405, 18.5709, 28.9538

Complementary

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



21.8170, 18.5709, 24.2645



20.4497, 26.0765, 23.0254

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.



13.9288, 18.5709, 22.5634



21.8170, 18.5709, 24.2645



15.0931, 18.5709, 12.6055

Square

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



21.8170, 18.5709, 24.2645



19.0118, 18.5709, 11.0286



14.0524, 18.5709, 16.6529



16.3569, 18.5709, 33.4739

Rectangle

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



21.8170, 18.5709, 24.2645



21.3963, 18.5709, 14.7466



14.0524, 18.5709, 16.6529



14.3706, 18.5709, 26.9049

Sweetspot

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



21.8175, 18.5717, 24.2649



47.2021, 47.0119, 53.8949



18.9666, 16.9565, 30.7074



10.3191, 10.1763, 11.7711



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.8175, 18.5717, 24.2649



36.8909, 29.6520, 40.4002



20.5331, 18.0580, 17.5010



5.9369, 5.8698, 6.7740



11.9532, 5.9863, 8.5003



0.1609, 0.0791, 0.1811

Inverse Universe

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



21.8175, 18.5717, 24.2649



36.8909, 29.6520, 40.4002



21.9069, 26.6593, 30.6988



5.9369, 5.8698, 6.7740



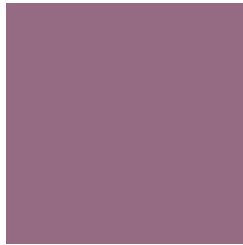
11.9532, 5.9863, 8.5003



0.1609, 0.0791, 0.1811

Previews

White Background



This preview shows how the XYZ color 21.8170, 18.5709, 24.2645 looks on a white background.

Color Contrast Check

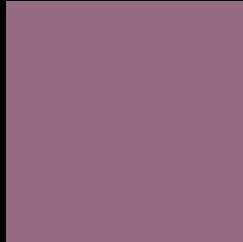
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.8170, 18.5709, 24.2645 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 21.8170, 18.5709, 24.2645

Background



This preview shows how black text looks on a background with the XYZ color 21.8170, 18.5709, 24.2645.



This preview shows how white text looks on a background with the XYZ color 21.8170, 18.5709,

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

21.8170, 18.5709, 24.2645

Protanopia

18.5329, 18.8001, 27.4629

Deuteranopia

18.8788, 18.5381, 23.7023



Tritanopia

20.7713, 18.4483, 19.6057

Trichromacy



Original Color

21.8170, 18.5709, 24.2645

Protanomaly

19.5482, 18.6568, 26.2377

Deuteranomaly

19.8334, 18.5173, 24.0016

Tritanomaly

21.1505, 18.4511, 21.1856

Monochromacy



Original Color

21.8170, 18.5709, 24.2645

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.6429, 19.1345, 22.3967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8170, 18.5709, 24.2645 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(149, 107, 132)` looks like.

```
.text, #text, p{  
    color:rgb(149, 107, 132)  
}
```

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(149, 107, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 107, 132) }
```

Border

The CSS property to change the border of an element to XYZ 21.8170, 18.5709, 24.2645 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(149, 107, 132) }
```


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

```
.border{ border-color:rgb(149, 107, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 107, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 107, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 107, 132);  
box-shadow:4px 4px 4px 4px rgb(149, 107,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8170, 18.5709, 24.2645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 107, 132) }
```

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

```
.background{ background-color: rgb(149,  
107, 132) }
```

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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