

Converting Colors

XYZ(21.9394, 20.5830, 28.1381)

Have a look what the booklet for
XYZ(21.9394, 20.5830, 28.1381)
contains.

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Color

**XYZ(21.8858, 20.5200,
28.0066)**

Conversions

Conversions Part 1

Format	Color
Hex	8A778D
RGB	138, 119, 141
RGB Percent	54%, 47%, 55%
CMY	0.4588, 0.5333, 0.4471
CMYK	0.02, 0.16, 0.00, 0.45
HSL	292°, 9%, 51%
HSV	292°, 16%, 55%
XYZ	21.8858, 20.5200, 28.0066
YIQ	127.1890, 4.2620, 10.8700

Conversions

Conversions Part 2

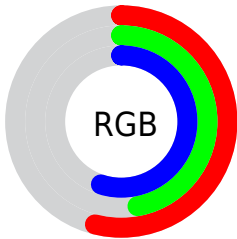
Format	Color
R _Y B	138, 119, 141
Decimal	9074573
CIE Lab	52.42, 11.55, -9.23
CIE LCh	52, 14.782, 321.375
Yxy	20.5200, 0.3108, 0.2914
Android (android.graphics.Color)	4287264653 (0xFF8A778D)
YUV	127.1890, 6.8088, 9.4812
Hunter-Lab	45.2990, 6.9674, -4.9474

Details

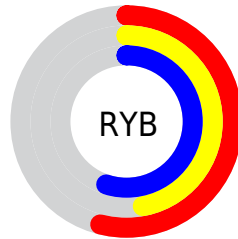
The XYZ color **21.8858, 20.5200, 28.0066** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.8814, 24.5198, 21.0860**, and the grayscale version is **20.2145, 21.2673, 23.1601**.

A 20% lighter version of the original color is **46.1515, 44.2724, 57.7427**, and **8.1661, 7.3365, 10.8832** is the 20% darker color. If you saturate the color by 10%, you get **20.0156, 17.2473, 27.4738**, and if you desaturate by 10%, it is **24.0119, 24.2953, 28.6236**.

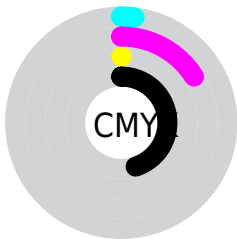
Distribution



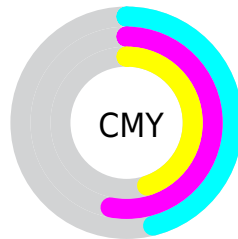
- Red (54%)
- Green (47%)
- Blue (55%)



- Red (54%)
- Yellow (47%)
- Blue (55%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (45%)



- Cyan (46%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8858, 20.5200, 28.0066 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 21.8858, 20.5200, 28.0066 by changing the saturation by 10% instead.

■ 21.8858, 20.5200,
28.0066

■ 21.8858, 20.5200,
28.0066

254.5929,
254.7164, 306.4114

■ 13.8891, 12.7736,
18.0915

■ 46.0374, 44.2873,
57.5182

■ 8.1248, 7.2728,
10.8456

■ 62.9231, 61.0770,
77.9518

■ 4.2274, 3.6333,
5.8503

■ 83.5025, 81.6499,
102.7288

■ 1.8316, 1.4706,
2.6869

108.1410,
106.3904, 132.2675

■ 0.5366, 0.2679,
0.9368

137.2040,
135.6829, 166.9866

■ 0.0000, 0.0000,
0.0000

171.0567,

169.9118, 207.3046

210.0645,
209.4615, 253.6400

■ 21.8858, 20.5200,
28.0066

■ 21.8858, 20.5200,
28.0066

■ 20.0156, 17.2473,
27.4738

■ 24.0119, 24.2953,
28.6236

■ 18.3884, 14.4528,
27.0201

■ 26.4022, 28.5911,
29.3267

■ 16.9931, 12.1137,
26.6422

■ 29.0671, 33.4276,
30.1198

■ 15.8169, 10.2047,
26.3357

■ 32.0158, 38.8232,
31.0059

■ 14.8459, 8.6977,
26.0960

■ 35.2571, 44.7954,
31.9878

■ 14.0643, 7.5614,
25.9179

■ 38.7993, 51.3609,
33.0684

■ 13.4540, 6.7597,
25.7953

■ 42.6506, 58.5359,
34.2503

■ 12.9891, 6.2407,
25.7196

■ 46.8185, 66.3356,
35.5361

■ 12.8018, 6.0442,
25.6916

■ 51.3107, 74.7751,
36.9283

Harmonies

Analogous

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



20.5922, 20.5200, 31.1126



21.8858, 20.5200, 28.0066



22.5494, 20.5200, 23.6262

Triad

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



21.8858, 20.5200, 28.0066



19.9468, 20.5200, 15.0248



16.8981, 20.5200, 25.5461

Complementary

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



21.8858, 20.5200, 28.0066



20.8814, 24.5198, 21.0860

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.



16.7453, 20.5200, 21.1067



21.8858, 20.5200, 28.0066



18.4541, 20.5200, 15.3984

Square

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



21.8858, 20.5200, 28.0066



21.3922, 20.5200, 16.4022



17.3009, 20.5200, 17.4992



17.7296, 20.5200, 29.5682

Rectangle

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



21.8858, 20.5200, 28.0066



22.5224, 20.5200, 20.7268



17.3009, 20.5200, 17.4992



16.7674, 20.5200, 24.0407

Sweetspot

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



21.8864, 20.5209, 28.0070



43.2009, 43.8661, 51.3179



19.4127, 19.8388, 28.0058



9.5934, 9.6981, 11.4457



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.



21.8864, 20.5209, 28.0070



37.8666, 34.4141, 49.7747



21.8364, 20.5590, 25.1171



5.5550, 5.4743, 6.7926



11.6823, 5.5161, 23.4261



0.1246, 0.0594, 0.2246

Inverse Universe

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



21.0949, 20.2624, 21.2125



36.1630, 33.8617, 34.9722



20.9446, 24.4967, 23.6016



5.4370, 5.4353, 5.7991



10.1286, 5.2084, 1.0624



0.1015, 0.0517, 0.0346

Previews

White Background



This preview shows how the XYZ color 21.8858, 20.5200, 28.0066 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 21.8858, 20.5200, 28.0066 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 21.8858, 20.5200, 28.0066

Background



This preview shows how black text looks on a background with the XYZ color 21.8858, 20.5200, 28.0066.



This preview shows how white text looks on a background with the XYZ color 21.8858, 20.5200,

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

21.8858, 20.5200, 28.0066

Protanopia

20.2677, 20.5665, 29.2871

Deuteranopia

20.8991, 20.5583, 27.6776



Tritanopia

21.0200, 20.5207, 23.9721

Trichromacy



Original Color

21.8858, 20.5200, 28.0066

Protanomaly

20.8195, 20.4914, 28.8445

Deuteranomaly

21.2439, 20.5547, 27.6587

Tritanomaly

21.3361, 20.4725, 25.3813

Monochromacy



Original Color

21.8858, 20.5200, 28.0066

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.7326, 20.9065, 24.7724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8858, 20.5200, 28.0066 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(138, 119, 141)` looks like.

```
.text, #text, p{  
    color:rgb(138, 119, 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(138, 119, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 119, 141) }
```

Border

The CSS property to change the border of an element to XYZ 21.8858, 20.5200, 28.0066 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(138, 119, 141) }
```


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

```
.border{ border-color:rgb(138, 119, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 119, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 119, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 119, 141);  
box-shadow:4px 4px 4px 4px rgb(138, 119,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8858, 20.5200, 28.0066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 119, 141) }
```

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

```
.background{ background-color: rgb(138,  
119, 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](#).

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