

Converting Colors

XYZ(21.8087, 26.1084, 29.3046)

Have a look what the booklet for
XYZ(21.8087, 26.1084, 29.3046)
contains.

XYZ(21.8717, 26.1999, 29.4955)	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(21.8717, 26.1999,
29.4955)**

Conversions

Conversions Part 1

Format	Color
Hex	6F938E
RGB	111, 147, 142
RGB Percent	44%, 58%, 56%
CMY	0.5647, 0.4235, 0.4431
CMYK	0.24, 0.00, 0.03, 0.42
HSL	172°, 14%, 51%
HSV	172°, 24%, 58%
XYZ	21.8717, 26.1999, 29.4955
YIQ	135.6660, -19.8510, -9.1870

Conversions

Conversions Part 2

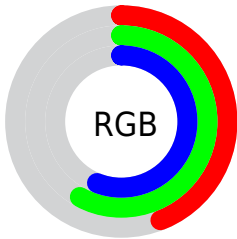
Format	Color
R_{YB}	111, 130, 147
Decimal	7312270
CIE _{Lab}	58.23, -13.54, -1.43
CIE _{LCh}	58, 13.619, 186.035
Yxy	26.1999, 0.2820, 0.3378
Android (android.graphics.Color)	4285502350 (0xFF6F938E)
YUV	135.6660, 3.1227, -21.6321
Hunter-Lab	51.1858, -13.3022, 1.6646

Details

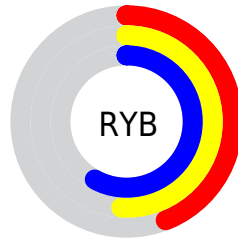
The XYZ color **21.8717, 26.1999, 29.4955** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.8703, 18.8335, 19.0592**, and the grayscale version is **23.2715, 24.4834, 26.6624**.

A 20% lighter version of the original color is **45.9547, 53.5453, 60.1378**, and **8.1012, 10.1626, 11.6598** is the 20% darker color. If you saturate the color by 10%, you get **20.0204, 25.2637, 28.6162**, and if you desaturate by 10%, it is **24.0318, 27.2963, 30.4051**.

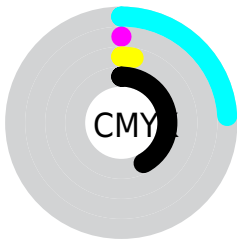
Distribution



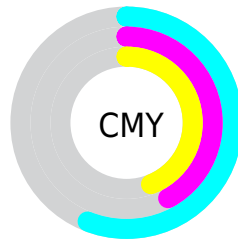
- Red (44%)
- Green (58%)
- Blue (56%)



- Red (44%)
- Yellow (51%)
- Blue (58%)



- Cyan (24%)
- Magenta (0%)
- Yellow (3%)
- Black (42%)



- Cyan (56%)
- Magenta (42%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8717, 26.1999, 29.4955 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 21.8717, 26.1999, 29.4955 by changing the saturation by 10% instead.

■ 21.8717, 26.1999,
29.4955

■ 21.8717, 26.1999,
29.4955

254.5205,
283.7620, 313.6795

■ 13.8787, 16.9732,
19.2072

■ 46.0143, 53.5973,
59.9150

■ 8.1175, 10.2154,
11.6418

■ 62.8946, 72.5368,
80.8832

■ 4.2227, 5.5420,
6.3807

■ 83.4681, 95.4827,
106.2485

■ 1.8289, 2.5687,
3.0054

■ 108.1001,
122.8193, 136.4293

■ 0.5350, 0.9109,
1.0974

137.1560,
154.9312, 171.8443

■ 0.0000, 0.0000,
0.0000

171.0011,

192.2027, 212.9120

210.0009,
235.0182, 260.0509

■ 21.8717, 26.1999,
29.4955

■ 21.8717, 26.1999,
29.4955

■ 20.0204, 25.2637,
28.6162

■ 24.0318, 27.2963,
30.4051

■ 18.4606, 24.4769,
27.7645

■ 26.5122, 28.5568,
31.3438

■ 17.1771, 23.8321,
26.9403

■ 29.3268, 29.9892,
32.3130

■ 16.1520, 23.3203,
26.1427

■ 32.4878, 31.5999,
33.3133

■ 15.3656, 22.9312,
25.3705

■ 36.0070, 33.3949,
34.3454

■ 14.7952, 22.6531,
24.6228

■ 39.8953, 35.3799,
35.4098

■ 14.4124, 22.4714,
23.8980

■ 44.1635, 37.5604,
36.5071

■ 14.2376, 22.3897,
23.5064

■ 48.8218, 39.9416,
37.6378

■ 53.8800, 42.5286,
38.8025

Harmonies

Analogous

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



22.1078, 26.1999, 24.9855



21.8717, 26.1999, 29.4955



22.4181, 26.1999, 34.2275

Triad

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



21.8717, 26.1999, 29.4955



26.8203, 26.1999, 36.5442



26.2164, 26.1999, 20.9878

Complementary

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



21.8717, 26.1999, 29.4955



20.8703, 18.8335, 19.0592

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.



27.5634, 26.1999, 23.4978



21.8717, 26.1999, 29.4955



27.9227, 26.1999, 32.3888

Square

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



21.8717, 26.1999, 29.4955



25.2381, 26.1999, 38.5768



28.2005, 26.1999, 27.5804



24.5694, 26.1999, 20.3948

Rectangle

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



21.8717, 26.1999, 29.4955



23.1674, 26.1999, 36.7672



28.2005, 26.1999, 27.5804



26.7215, 26.1999, 21.6207

Sweetspot

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



21.8725, 26.2010, 29.4961



46.2416, 50.5105, 55.6787



20.5595, 25.7567, 18.9272



10.5027, 11.5034, 12.6905



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.



21.8725, 26.2010, 29.4961



37.4083, 46.0288, 52.0102



20.4032, 22.6479, 30.9011



5.9298, 6.5485, 7.2413



12.3494, 19.4126, 20.4134



0.1588, 0.2407, 0.2903

Inverse Universe

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



20.8703, 18.8335, 19.0592



35.3184, 30.6555, 30.2385



22.0603, 21.6668, 18.0587



5.8317, 5.8277, 6.2198



10.5503, 5.4252, 1.1131



0.1354, 0.0689, 0.0469

Previews

White Background



This preview shows how the XYZ color 21.8717, 26.1999, 29.4955 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 21.8717, 26.1999, 29.4955 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

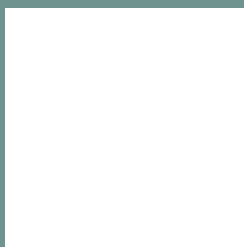
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.8717, 26.1999, 29.4955

Background



This preview shows how black text looks on a background with the XYZ color 21.8717, 26.1999, 29.4955.



This preview shows how white text looks on a background with the XYZ color 21.8717, 26.1999,

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

21.8717, 26.1999, 29.4955

Protanopia

24.9033, 26.0222, 27.3771

Deuteranopia

26.4605, 25.9209, 29.9942



Tritanopia

23.0656, 26.2285, 35.2994

Trichromacy



Original Color

21.8717, 26.1999, 29.4955

Protanomaly

23.6933, 26.0354, 28.2027

Deuteranomaly

24.3439, 25.6826, 29.6608

Tritanomaly

22.6749, 26.3028, 33.1600

Monochromacy



Original Color

21.8717, 26.1999, 29.4955

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.7179, 25.1032, 27.6928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8717, 26.1999, 29.4955 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, 147, 142)` looks like.

```
.text, #text, p{  
    color:rgb(111, 147, 142)  
}
```

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, 147, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 147, 142) }
```

Border

The CSS property to change the border of an element to XYZ 21.8717, 26.1999, 29.4955 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, 147, 142) }
```


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

```
.border{ border-color:rgb(111, 147, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 147, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 147, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 147, 142);  
box-shadow:4px 4px 4px 4px rgb(111, 147,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8717, 26.1999, 29.4955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 147, 142) }
```

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

```
.background{ background-color: rgb(111,  
147, 142) }
```

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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