

Converting Colors

XYZ(21.8806, 26.4544, 28.7657)

Have a look what the booklet for
XYZ(21.8806, 26.4544, 28.7657)
contains.

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Color

**XYZ(21.8791, 26.4528,
28.7637)**

Conversions

Conversions Part 1

Format	Color
Hex	6F948C
RGB	111, 148, 140
RGB Percent	44%, 58%, 55%
CMY	0.5647, 0.4196, 0.4510
CMYK	0.25, 0.00, 0.05, 0.42
HSL	167°, 15%, 51%
HSV	167°, 25%, 58%
XYZ	21.8791, 26.4528, 28.7637
YIQ	136.0250, -19.4840, -10.3320

Conversions

Conversions Part 2

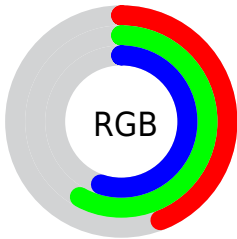
Format	Color
R_{YB}	111, 132, 148
Decimal	7312524
CIE _{Lab}	58.46, -14.54, 0.06
CIE _{LCh}	58, 14.536, 179.772
Yxy	26.4528, 0.2838, 0.3431
Android (android.graphics.Color)	4285502604 (0xFF6F948C)
YUV	136.0250, 1.9597, -21.9469
Hunter-Lab	51.4323, -14.0733, 2.8444

Details

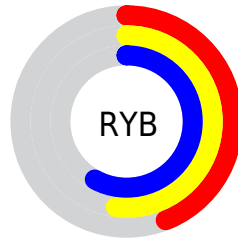
The XYZ color **21.8791, 26.4528, 28.7637** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.2279, 18.9974, 20.0019**, and the grayscale version is **23.4098, 24.6290, 26.8210**.

A 20% lighter version of the original color is **45.8504, 53.8778, 58.4350**, and **8.1068, 10.3117, 11.2359** is the 20% darker color. If you saturate the color by 10%, you get **19.9365, 25.4789, 27.4591**, and if you desaturate by 10%, it is **24.1386, 27.5907, 30.1201**.

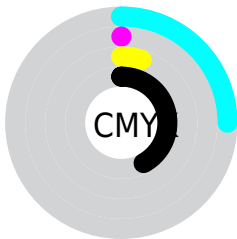
Distribution



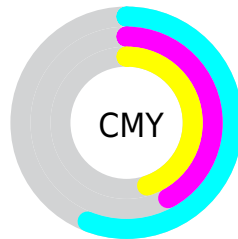
- Red (44%)
- Green (58%)
- Blue (55%)



- Red (44%)
- Yellow (52%)
- Blue (58%)



- Cyan (25%)
- Magenta (0%)
- Yellow (5%)
- Black (42%)



- Cyan (56%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8791, 26.4528, 28.7637 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 21.8791, 26.4528, 28.7637 by changing the saturation by 10% instead.

■ 21.8791, 26.4528,
28.7637

■ 21.8791, 26.4528,
28.7637

254.5585,
284.9978, 310.1244

■ 13.8842, 17.1627,
18.6581

■ 46.0264, 54.0045,
58.7391

■ 8.1213, 10.3506,
11.2492

■ 62.9096, 73.0349,
79.4461

■ 4.2251, 5.6320,
6.1184

■ 83.4862, 96.0809,
104.5238

■ 1.8303, 2.6226,
2.8473

■ 108.1216,
123.5268, 134.3910

■ 0.5358, 0.9381,
1.0172

137.1812,
155.7571, 169.4661

■ 0.0000, 0.0000,
0.0000

171.0303,

193.1560, 210.1676

210.0343,
236.1082, 256.9142

■ 21.8791, 26.4528,
28.7637

■ 21.8791, 26.4528,
28.7637

■ 19.9365, 25.4789,
27.4591

■ 24.1386, 27.5907,
30.1201

■ 18.2934, 24.6580,
26.2034

■ 26.7271, 28.8966,
31.5275

■ 16.9340, 23.9825,
24.9963

■ 29.6585, 30.3785,
32.9874

■ 15.8400, 23.4430,
23.8366

■ 32.9455, 32.0429,
34.5007

■ 14.9913, 23.0293,
22.7229

■ 36.5999, 33.8959,
36.0682

■ 14.3644, 22.7291,
21.6539

■ 40.6332, 35.9435,
37.6907

■ 13.9291, 22.5270,
20.6279

■ 45.0563, 38.1911,
39.3690

■ 13.7425, 22.4416,
20.1291

■ 49.8795, 40.6441,
41.1038

■ 55.1130, 43.3078,
42.8960

Harmonies

Analogous

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



22.3052, 26.4528, 24.1529



21.8791, 26.4528, 28.7637



22.2926, 26.4528, 33.9385

Triad

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



21.8791, 26.4528, 28.7637



26.8772, 26.4528, 38.1560



26.9018, 26.4528, 21.1499

Complementary

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



21.8791, 26.4528, 28.7637



21.2279, 18.9974, 20.0019

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.



28.2257, 26.4528, 24.2129



21.8791, 26.4528, 28.7637



28.2110, 26.4528, 34.0137

Square

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



21.8791, 26.4528, 28.7637



25.1290, 26.4528, 39.7347



28.7155, 26.4528, 28.8415



25.1562, 26.4528, 20.0856

Rectangle

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



21.8791, 26.4528, 28.7637



23.0004, 26.4528, 36.9358



28.7155, 26.4528, 28.8415



27.4138, 26.4528, 21.9606

Sweetspot

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



21.8799, 26.4539, 28.7643



45.6493, 50.2233, 54.8318



21.0700, 26.2518, 18.9960



10.2723, 11.3899, 12.4370



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.



21.8799, 26.4539, 28.7643



36.6177, 45.6771, 49.4507



20.9210, 23.5572, 31.4626



5.9110, 6.5410, 7.1420



11.7481, 19.1720, 17.2466



0.1545, 0.2389, 0.2675

Inverse Universe

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



21.2279, 18.9974, 20.0019



35.2670, 30.2086, 31.2818



21.9792, 21.2369, 17.9801



5.8491, 5.8347, 6.3115



10.6632, 5.4703, 1.7074



0.1398, 0.0707, 0.0696

Previews

White Background



This preview shows how the XYZ color 21.8791, 26.4528, 28.7637 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 21.8791, 26.4528, 28.7637 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

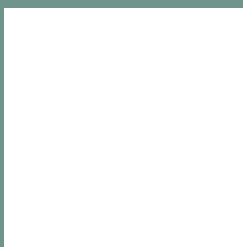
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.8791, 26.4528, 28.7637

Background



This preview shows how black text looks on a background with the XYZ color 21.8791, 26.4528, 28.7637.



This preview shows how white text looks on a background with the XYZ color 21.8791, 26.4528,

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

21.8791, 26.4528, 28.7637

Protanopia

25.2529, 26.4347, 26.6931

Deuteranopia

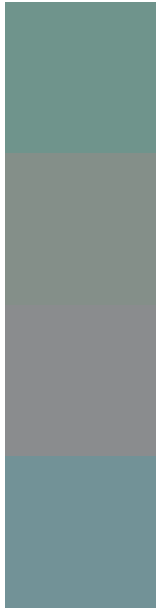
26.8990, 26.3638, 29.6576



Tritanopia

23.2814, 26.3300, 35.7534

Trichromacy



Original Color

21.8791, 26.4528, 28.7637

Protanomaly

23.8535, 26.3566, 27.4970

Deuteranomaly

24.7418, 26.1124, 29.3274

Tritanomaly

22.8042, 26.3695, 33.1661

Monochromacy



Original Color

21.8791, 26.4528, 28.7637

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.6458, 25.0743, 27.3132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8791, 26.4528, 28.7637 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, 148, 140)` looks like.

```
.text, #text, p{  
    color:rgb(111, 148, 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(111, 148, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 148, 140) }
```

Border

The CSS property to change the border of an element to XYZ 21.8791, 26.4528, 28.7637 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, 148, 140) }
```


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

```
.border{ border-color:rgb(111, 148, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 148, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 148, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 148, 140);  
box-shadow:4px 4px 4px 4px rgb(111, 148,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8791, 26.4528, 28.7637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 148, 140) }
```

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

```
.background{ background-color: rgb(111,  
148, 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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