

Converting Colors

XYZ(21.8977, 26.4535, 28.1431)

Have a look what the booklet for
XYZ(21.8977, 26.4535, 28.1431)
contains.

XYZ(21.8594, 26.4595, 27.9998)	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(21.8594, 26.4595,
27.9998)**

Conversions

Conversions Part 1

Format	Color
Hex	70948A
RGB	112, 148, 138
RGB Percent	44%, 58%, 54%
CMY	0.5608, 0.4196, 0.4588
CMYK	0.24, 0.00, 0.07, 0.42
HSL	163°, 14%, 51%
HSV	163°, 24%, 58%
XYZ	21.8594, 26.4595, 27.9998
YIQ	136.0960, -18.2460, -10.7420

Conversions

Conversions Part 2

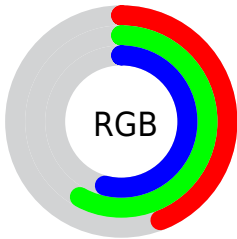
Format	Color
R_{YB}	112, 133, 148
Decimal	7378058
CIE _{Lab}	58.47, -14.65, 1.21
CIE _{LCh}	58, 14.705, 175.261
Y _{xy}	26.4595, 0.2864, 0.3467
Android (android.graphics.Color)	4285568138 (0xFF70948A)
YUV	136.0960, 0.9387, -21.1322
Hunter-Lab	51.4388, -14.1626, 3.7337

Details

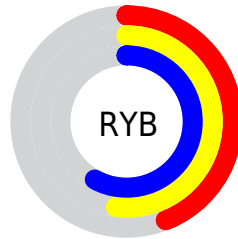
The XYZ color **21.8594, 26.4595, 27.9998** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.5207, 19.2900, 21.0025**, and the grayscale version is **23.4397, 24.6604, 26.8552**.

A 20% lighter version of the original color is **45.8343, 53.8952, 57.2773**, and **8.0860, 10.3107, 10.7965** is the 20% darker color. If you saturate the color by 10%, you get **19.8369, 25.4513, 26.3808**, and if you desaturate by 10%, it is **24.2042, 27.6339, 29.6938**.

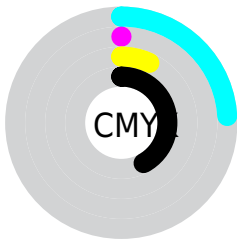
Distribution



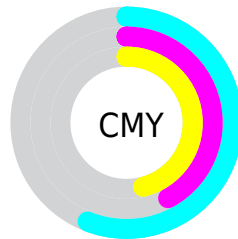
- Red (44%)
- Green (58%)
- Blue (54%)



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



- Cyan (24%)
- Magenta (0%)
- Yellow (7%)
- Black (42%)



- Cyan (56%)
- Magenta (42%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8594, 26.4595, 27.9998 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 21.8594, 26.4595, 27.9998 by changing the saturation by 10% instead.

■ 21.8594, 26.4595,
27.9998

■ 21.8594, 26.4595,
27.9998

254.4573,
285.0305, 306.3779

■ 13.8696, 17.1677,
18.0865

■ 45.9941, 54.0153,
57.5072

■ 8.1112, 10.3541,
10.8420

■ 62.8697, 73.0481,
77.9384

■ 4.2186, 5.6344,
5.8479

■ 83.4381, 96.0967,
102.7126

■ 1.8265, 2.6241,
2.6855

■ 108.0644,
123.5455, 132.2483

■ 0.5336, 0.9388,
0.9361

137.1142,
155.7789, 166.9642

■ 0.0000, 0.0000,
0.0000

170.9527,

193.1813, 207.2787

209.9453,
236.1370, 253.6104

■ 21.8594, 26.4595,
27.9998

■ 21.8594, 26.4595,
27.9998

■ 19.8369, 25.4513,
26.3808

■ 24.2042, 27.6339,
29.6938

■ 18.1193, 24.5983,
24.8338

■ 26.8833, 28.9787,
31.4624

■ 16.6908, 23.8931,
23.3578

■ 29.9108, 30.5017,
33.3074

■ 15.5333, 23.3263,
21.9515

■ 33.2993, 32.2095,
35.2300

■ 14.6266, 22.8876,
20.6130

■ 37.0606, 34.1082,
37.2313

■ 13.9476, 22.5650,
19.3408

■ 41.2064, 36.2036,
39.3126

■ 13.4676, 22.3438,
18.1327

■ 45.7473, 38.5014,
41.4748

■ 13.2382, 22.2399,
17.4732

■ 50.6939, 41.0069,
43.7192

■ 56.0564, 43.7254,
46.0466

Harmonies

Analogous

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



22.4144, 26.4595, 23.5295



21.8594, 26.4595, 27.9998



22.1509, 26.4595, 33.2437

Triad

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



21.8594, 26.4595, 27.9998



26.6529, 26.4595, 38.7209



27.1703, 26.4595, 21.4173

Complementary

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



21.8594, 26.4595, 27.9998



21.5207, 19.2900, 21.0025

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.



28.4060, 26.4595, 24.7889



21.8594, 26.4595, 27.9998



28.0974, 26.4595, 34.8265

Square

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



21.8594, 26.4595, 27.9998



24.8645, 26.4595, 39.8432



28.7530, 26.4595, 29.6355



25.4356, 26.4595, 20.0284

Rectangle

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



21.8594, 26.4595, 27.9998



22.7938, 26.4595, 36.4284



28.7530, 26.4595, 29.6355



27.6610, 26.4595, 22.3353

Sweetspot

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



21.8601, 26.4606, 28.0004



46.0405, 50.4301, 54.6195



21.5697, 26.5030, 19.3083



10.4535, 11.4837, 12.4317



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.



21.8601, 26.4606, 28.0004



36.6250, 45.7155, 47.8857



21.4355, 24.3985, 31.5978



5.8961, 6.5350, 7.0637



11.3189, 19.0004, 14.9869



0.1511, 0.2376, 0.2494

Inverse Universe

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



21.5207, 19.2900, 21.0025



35.9249, 30.8981, 33.4322



21.8306, 20.8513, 18.2037



5.8631, 5.8403, 6.3851



10.7857, 5.5193, 2.3523



0.1432, 0.0720, 0.0877

Previews

White Background



This preview shows how the XYZ color 21.8594, 26.4595, 27.9998 looks on a white background.

Color Contrast Check

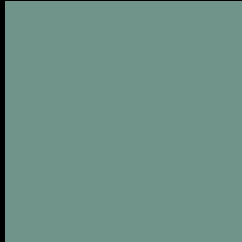
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.8594, 26.4595, 27.9998 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

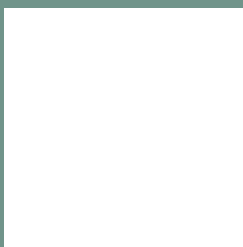
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.8594, 26.4595, 27.9998

Background



This preview shows how black text looks on a background with the XYZ color 21.8594, 26.4595, 27.9998.



This preview shows how white text looks on a background with the XYZ color 21.8594, 26.4595,

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

21.8594, 26.4595, 27.9998

Protanopia

25.1133, 26.3789, 25.9583

Deuteranopia

26.7487, 26.3037, 28.8666



Tritanopia

23.4137, 26.3981, 35.7596

Trichromacy



Original Color

21.8594, 26.4595, 27.9998

Protanomaly

23.7114, 26.2997, 26.7483

Deuteranomaly

24.5929, 26.0529, 28.5435

Tritanomaly

22.8541, 26.4046, 32.7462

Monochromacy



Original Color

21.8594, 26.4595, 27.9998

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 21.8594, 26.4595, 27.9998 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(112, 148, 138)` looks like.

```
.text, #text, p{  
    color:rgb(112, 148, 138)  
}
```

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(112, 148, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 148, 138) }
```

Border

The CSS property to change the border of an element to XYZ 21.8594, 26.4595, 27.9998 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(112, 148, 138) }
```


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

```
.border{ border-color:rgb(112, 148, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 148, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 148, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 148, 138);  
box-shadow:4px 4px 4px 4px rgb(112, 148,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8594, 26.4595, 27.9998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 148, 138) }
```

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

```
.background{ background-color: rgb(112,  
148, 138) }
```

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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