

Converting Colors

XYZ(17.3925, 21.8033, 23.3704)

Have a look what the booklet for
XYZ(17.3925, 21.8033, 23.3704)
contains.

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Color

**XYZ(17.3925, 21.8033,
23.3704)**

Conversions

Conversions Part 1

Format	Color
Hex	5E897F
RGB	94, 137, 127
RGB Percent	37%, 54%, 50%
CMY	0.6314, 0.4627, 0.5020
CMYK	0.31, 0.00, 0.07, 0.46
HSL	166°, 19%, 45%
HSV	166°, 31%, 54%
XYZ	17.3925, 21.8033, 23.3704
YIQ	123.0030, -22.4180, -12.2260

Conversions

Conversions Part 2

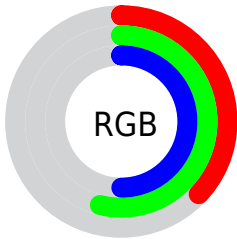
Format	Color
R_{YB}	94, 118, 137
Decimal	6195583
CIE _{Lab}	53.82, -17.07, 0.63
CIE _{LCh}	54, 17.085, 177.893
Yxy	21.8033, 0.2780, 0.3485
Android (android.graphics.Color)	4284385663 (0xFF5E897F)
YUV	123.0030, 1.9705, -25.4356
Hunter-Lab	46.6940, -15.2271, 3.0111

Details

The XYZ color **17.3925, 21.8033, 23.3704** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.8187, 14.3238, 14.9759**, and the grayscale version is **18.8272, 19.8077, 21.5706**.

A 20% lighter version of the original color is **38.7231, 46.6679, 50.1469**, and **5.8655, 7.9243, 8.4281** is the 20% darker color. If you saturate the color by 10%, you get **15.9062, 21.0613, 22.2342**, and if you desaturate by 10%, it is **19.1360, 22.6783, 24.5539**.

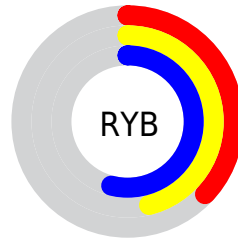
Distribution



Red (37%)

Green (54%)

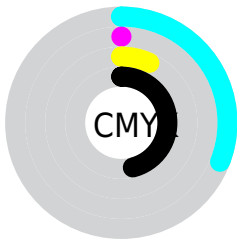
Blue (50%)



Red (37%)

Yellow (46%)

Blue (54%)

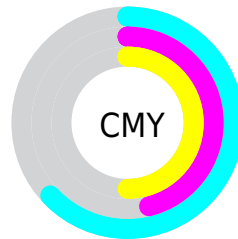


Cyan (31%)

Magenta (0%)

Yellow (7%)

Black (46%)



Cyan (63%)

Magenta (46%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3925, 21.8033, 23.3704 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 17.3925, 21.8033, 23.3704 by changing the saturation by 10% instead.

■ 17.3925, 21.8033,
23.3704

■ 17.3925, 21.8033,
23.3704

230.5366,
261.5173, 282.8051

■ 10.6118, 13.7124,
14.6594

■ 38.5377, 46.4207,
49.9317

■ 5.8718, 7.9209,
8.4367

■ 53.6328, 63.7160,
68.6190

■ 2.8072, 4.0444,
4.2839

■ 72.2301, 84.8482,
91.4689

■ 1.0526, 1.6984,
1.7823

■ 94.6949, 110.2018,
118.8999

■ 0.0000, 0.4226,
0.4163

121.3926,
140.1611, 151.3304

■ 0.0000, 0.0000,
0.0000

152.6886,

175.1105, 189.1791

188.9481,
215.4345, 232.8645

■ 17.3925, 21.8033,
23.3704

■ 17.3925, 21.8033,
23.3704

■ 15.9062, 21.0613,
22.2342

■ 19.1360, 22.6783,
24.5539

■ 14.6619, 20.4427,
21.1428

■ 21.1472, 23.6900,
25.7841

■ 13.6459, 19.9410,
20.0957

■ 23.4381, 24.8450,
27.0623

■ 12.8421, 19.5481,
19.0919

■ 26.0195, 26.1491,
28.3893

■ 12.2324, 19.2544,
18.1303

■ 28.9016, 27.6074,
29.7658

■ 11.7953, 19.0490,
17.2094

■ 32.0942, 29.2250,
31.1927

■ 11.5029, 18.9148,
16.4461

■ 35.6065, 31.0066,
32.6707

■ 39.4474, 32.9567,
34.2004

■ 43.6255, 35.0799,
35.7825

Harmonies

Analogous

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



17.8751, 21.8033, 18.7625



17.3925, 21.8033, 23.3704



17.7578, 21.8033, 28.7900

Triad

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



17.3925, 21.8033, 23.3704



22.4189, 21.8033, 33.8418



22.6565, 21.8033, 16.1658

Complementary

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



17.3925, 21.8033, 23.3704



16.8187, 14.3238, 14.9759

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.



24.0021, 21.8033, 19.3181



17.3925, 21.8033, 23.3704



23.8592, 21.8033, 29.5283

Square

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



17.3925, 21.8033, 23.3704



20.5939, 21.8033, 35.3423



24.4545, 21.8033, 24.1137



20.8534, 21.8033, 15.0035

Rectangle

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



17.3925, 21.8033, 23.3704



18.4457, 21.8033, 32.0570



24.4545, 21.8033, 24.1137



23.1813, 21.8033, 17.0026

Sweetspot

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



17.3931, 21.8042, 23.3709



38.7235, 42.8530, 46.6662



16.6795, 21.6454, 13.8889



8.5727, 9.5549, 10.4021



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.3931, 21.8042, 23.3709



29.1202, 38.0327, 40.3267



16.5334, 18.9892, 26.4618



5.1239, 5.6691, 6.1736



10.7192, 17.6202, 15.3436



0.0768, 0.1193, 0.1314

Inverse Universe

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



16.8187, 14.3238, 14.9759



27.9183, 22.3391, 22.7306



17.4369, 16.3256, 12.8222



5.0775, 5.0664, 5.4964



9.8551, 5.0521, 1.7412



0.0703, 0.0355, 0.0372

Previews

White Background



This preview shows how the XYZ color 17.3925, 21.8033, 23.3704 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 17.3925, 21.8033, 23.3704 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

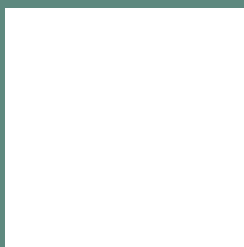
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3925, 21.8033, 23.3704

Background



This preview shows how black text looks on a background with the XYZ color 17.3925, 21.8033, 23.3704.

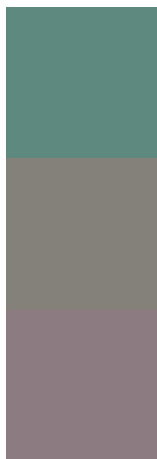


This preview shows how white text looks on a background with the XYZ color 17.3925, 21.8033,

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

17.3925, 21.8033, 23.3704

Protanopia

20.7477, 21.7490, 21.5168

Deuteranopia

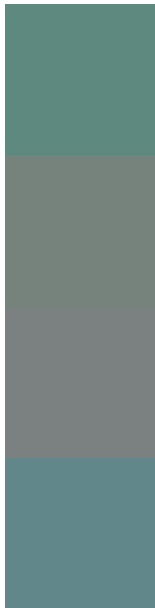
22.0521, 21.6025, 24.1265



Tritanopia

18.6729, 21.6912, 29.9907

Trichromacy



Original Color

17.3925, 21.8033, 23.3704

Protanomaly

19.2256, 21.5394, 22.2130

Deuteranomaly

19.9811, 21.4964, 23.8650

Tritanomaly

18.1812, 21.7043, 27.2759

Monochromacy



Original Color

17.3925, 21.8033, 23.3704

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.0394, 20.3383, 22.0437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3925, 21.8033, 23.3704 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(94, 137, 127) looks like.

```
.text, #text, p{  
    color:rgb(94, 137, 127)  
}
```

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(94, 137, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 137, 127) }
```

Border

The CSS property to change the border of an element to XYZ 17.3925, 21.8033, 23.3704 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(94, 137, 127) }
```


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

```
.border{ border-color:rgb(94, 137, 127) }
```

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

Here you see how a box with a 4 pixel rgb(94, 137, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 137, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 137, 127);  
box-shadow:4px 4px 4px 4px rgb(94, 137,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3925, 21.8033, 23.3704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 137, 127) }
```

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

```
.background{ background-color: rgb(94, 137,  
127) }
```

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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