

Converting Colors

XYZ(18.7834, 21.8999, 23.1673)

Have a look what the booklet for
XYZ(18.7834, 21.8999, 23.1673)
contains.

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Color

**XYZ(18.7863, 21.8975,
23.3152)**

Conversions

Conversions Part 1

Format	Color
Hex	6E867F
RGB	110, 134, 127
RGB Percent	43%, 53%, 50%
CMY	0.5686, 0.4745, 0.5020
CMYK	0.18, 0.00, 0.05, 0.47
HSL	162°, 10%, 48%
HSV	162°, 18%, 53%
XYZ	18.7863, 21.8975, 23.3152
YIQ	126.0260, -12.0570, -7.2650

Conversions

Conversions Part 2

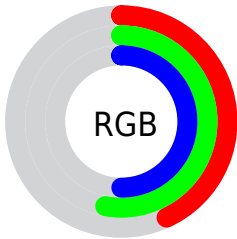
Format	Color
RYB	110, 124, 134
Decimal	7243391
CIELab	53.92, -10.12, 0.90
CIELCh	54, 10.157, 174.942
Yxy	21.8975, 0.2935, 0.3422
Android (android.graphics.Color)	4285433471 (0xFF6E867F)
YUV	126.0260, 0.4802, -14.0548
Hunter-Lab	46.7948, -10.2299, 3.2155

Details

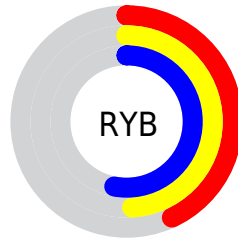
The XYZ color **18.7863, 21.8975, 23.3152** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.6191, 17.5052, 19.2281**, and the grayscale version is **19.8419, 20.8752, 22.7331**.

A 20% lighter version of the original color is **40.9088, 46.5173, 50.0026**, and **6.5321, 7.9148, 8.3912** is the 20% darker color. If you saturate the color by 10%, you get **16.9938, 21.0029, 21.9274**, and if you desaturate by 10%, it is **20.8421, 22.9279, 24.7679**.

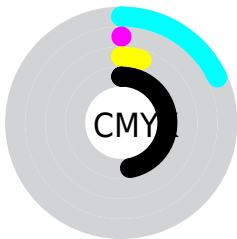
Distribution



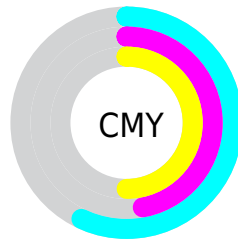
- Red (43%)
- Green (53%)
- Blue (50%)



- Red (43%)
- Yellow (49%)
- Blue (53%)



- Cyan (18%)
- Magenta (0%)
- Yellow (5%)
- Black (47%)



- Cyan (57%)
- Magenta (47%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7863, 21.8975, 23.3152 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 18.7863, 21.8975, 23.3152 by changing the saturation by 10% instead.

■ 18.7863, 21.8975,
23.3152

■ 18.7863, 21.8975,
23.3152

238.2273,
262.0105, 282.5140

■ 11.6191, 13.7816,
14.6189

■ 40.8924, 46.5765,
49.8401

■ 6.5552, 7.9689,
8.4087

■ 56.5619, 63.9085,
68.5058

■ 3.2293, 4.0751,
4.2661

■ 75.7962, 85.0812,
91.3318

■ 1.2762, 1.7156,
1.7724

■ 98.9607, 110.4791,
118.7365

■ 0.1653, 0.4338,
0.4097

126.4207,
140.4866, 151.1386

■ 0.0000, 0.0000,
0.0000

158.5415,

175.4881, 188.9565

195.6886,
215.8679, 232.6088

■ 18.7863, 21.8975,
23.3152

■ 18.7863, 21.8975,
23.3152

■ 16.9938, 21.0029,
21.9274

■ 20.8421, 22.9279,
24.7679

■ 15.4513, 20.2354,
20.6018

■ 23.1701, 24.0968,
26.2850

■ 14.1472, 19.5898,
19.3379

■ 25.7808, 25.4104,
27.8682

■ 13.0682, 19.0591,
18.1343

■ 28.6840, 26.8735,
29.5183

■ 12.1996, 18.6357,
16.9899

■ 31.8886, 28.4908,
31.2363

■ 11.5250, 18.3113,
15.9031

■ 35.4034, 30.2669,
33.0232

■ 11.0253, 18.0760,
14.8726

■ 39.2367, 32.2059,
34.8800

■ 10.6593, 17.9086,
13.8956

■ 43.3966, 34.3120,
36.8074

■ 10.5870, 17.8756,
13.6976

■ 47.8908, 36.5893,
38.8064

Harmonies

Analogous

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



19.1374, 21.8975, 20.5456



18.7863, 21.8975, 23.3152



18.9625, 21.8975, 26.4755

Triad

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



18.7863, 21.8975, 23.3152



21.7130, 21.8975, 29.7356



22.0453, 21.8975, 19.2417

Complementary

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



18.7863, 21.8975, 23.3152



18.6191, 17.5052, 19.2281

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.



22.7800, 21.8975, 21.3904



18.7863, 21.8975, 23.3152



22.5835, 21.8975, 27.4748

Square

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



18.7863, 21.8975, 23.3152



20.6279, 21.8975, 30.3640



22.9803, 21.8975, 24.3780



20.9990, 21.8975, 18.3291

Rectangle

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



18.7863, 21.8975, 23.3152



19.3586, 21.8975, 28.3583



22.9803, 21.8975, 24.3780



22.3383, 21.8975, 19.8337

Sweetspot

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



18.7869, 21.8984, 23.3157



37.8197, 40.9465, 44.3737



18.7033, 21.9727, 18.0077



8.4671, 9.1981, 9.9615



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



18.7869, 21.8984, 23.3157



31.9255, 37.9943, 40.1967



18.6108, 20.7903, 25.5873



4.7453, 5.2563, 5.6697



9.9259, 16.7532, 12.8613



0.0376, 0.0593, 0.0613

Inverse Universe

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



18.6191, 17.5052, 19.2281



31.5802, 28.9430, 31.7770



18.7547, 18.4107, 17.3174



4.7243, 4.7094, 5.1607



9.5625, 4.8893, 2.2683



0.0360, 0.0181, 0.0230

Previews

White Background



This preview shows how the XYZ color 18.7863, 21.8975, 23.3152 looks on a white background.

Color Contrast Check

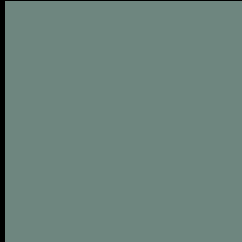
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.7863, 21.8975, 23.3152 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

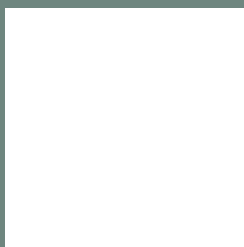
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.7863, 21.8975, 23.3152

Background



This preview shows how black text looks on a background with the XYZ color 18.7863, 21.8975, 23.3152.



This preview shows how white text looks on a background with the XYZ color 18.7863, 21.8975,

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

18.7863, 21.8975, 23.3152

Protanopia

20.8730, 21.7991, 22.1763

Deuteranopia

22.2806, 21.9149, 23.8246



Tritanopia

19.9438, 21.9662, 28.7799

Trichromacy



Original Color

18.7863, 21.8975, 23.3152

Protanomaly

19.9965, 21.7310, 22.5426

Deuteranomaly

20.8214, 21.7427, 23.5214

Tritanomaly

19.5850, 22.0259, 26.8861

Monochromacy



Original Color

18.7863, 21.8975, 23.3152

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.3619, 21.1999, 22.8102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7863, 21.8975, 23.3152 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(110, 134, 127)` looks like.

```
.text, #text, p{  
    color:rgb(110, 134, 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(110, 134, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 134, 127) }
```

Border

The CSS property to change the border of an element to XYZ 18.7863, 21.8975, 23.3152 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(110, 134, 127) }
```


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

```
.border{ border-color:rgb(110, 134, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 134, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 134, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 134, 127);  
box-shadow:4px 4px 4px 4px rgb(110, 134,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7863, 21.8975, 23.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 134, 127) }
```

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

```
.background{ background-color: rgb(110,  
134, 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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