

Converting Colors

XYZ(19.6723, 21.9934, 23.4272)

Have a look what the booklet for
XYZ(19.6723, 21.9934, 23.4272)
contains.

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Color

**XYZ(19.5532, 21.8864,
23.2726)**

Conversions

Conversions Part 1

Format	Color
Hex	76847F
RGB	118, 132, 127
RGB Percent	46%, 52%, 50%
CMY	0.5373, 0.4823, 0.5020
CMYK	0.11, 0.00, 0.04, 0.48
HSL	159°, 6%, 49%
HSV	159°, 11%, 52%
XYZ	19.5532, 21.8864, 23.2726
YIQ	127.2440, -6.7390, -4.5230

Conversions

Conversions Part 2

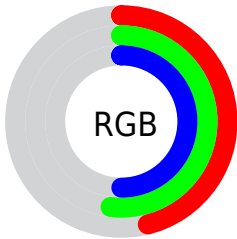
Format	Color
R _Y B	118, 127, 132
Decimal	7767167
CIE Lab	53.91, -6.16, 0.95
CIE LCh	54, 6.229, 171.245
Yxy	21.8864, 0.3022, 0.3382
Android (android.graphics.Color)	4285957247 (0xFF76847F)
YUV	127.2440, -0.1203, -8.1070
Hunter-Lab	46.7829, -7.2649, 3.2537

Details

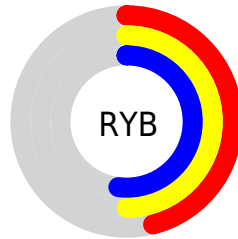
The XYZ color **19.5532, 21.8864, 23.2726** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.5700, 19.2929, 21.4323**, and the grayscale version is **20.2592, 21.3143, 23.2112**.

A 20% lighter version of the original color is **42.1647, 46.5393, 49.9407**, and **6.9942, 8.0387, 8.3907** is the 20% darker color. If you saturate the color by 10%, you get **17.5845, 20.9068, 21.6138**, and if you desaturate by 10%, it is **21.7884, 23.0029, 25.0199**.

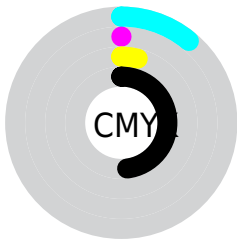
Distribution



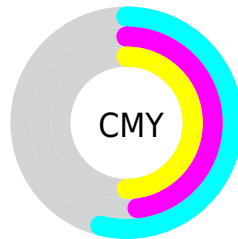
- Red (46%)
- Green (52%)
- Blue (50%)



- Red (46%)
- Yellow (50%)
- Blue (52%)



- Cyan (11%)
- Magenta (0%)
- Yellow (4%)
- Black (48%)



- Cyan (54%)
- Magenta (48%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5532, 21.8864, 23.2726 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 19.5532, 21.8864, 23.2726 by changing the saturation by 10% instead.

■ 19.5532, 21.8864,
23.2726

■ 19.5532, 21.8864,
23.2726

242.3659,
261.9525, 282.2892

■ 12.1771, 13.7735,
14.5877

■ 42.1765, 46.5582,
49.7694

■ 6.9374, 7.9633,
8.3872

■ 58.1544, 63.8858,
68.4184

■ 3.4690, 4.0715,
4.2524

■ 77.7302, 85.0537,
91.2259

■ 1.4063, 1.7136,
1.7648

101.2693,
110.4464, 118.6104

■ 0.2607, 0.4324,
0.4046

129.1370,
140.4482, 150.9904

■ 0.0000, 0.0000,
0.0000

161.6988,

175.4436, 188.7846

199.3200,
215.8169, 232.4113

■ 19.5532, 21.8864,
23.2726

■ 19.5532, 21.8864,
23.2726

■ 17.5845, 20.9068,
21.6138

■ 21.7884, 23.0029,
25.0199

■ 15.8700, 20.0560,
20.0405

■ 24.2982, 24.2588,
26.8557

■ 14.3989, 19.3290,
18.5517

■ 27.0927, 25.6596,
28.7819

■ 13.1590, 18.7197,
17.1457

■ 30.1808, 27.2102,
30.7999

■ 12.1373, 18.2212,
15.8209

■ 33.5712, 28.9147,
32.9110

■ 11.3190, 17.8261,
14.5753

■ 37.2719, 30.7775,
35.1165

■ 10.6875, 17.5258,
13.4072

■ 41.2910, 32.8027,
37.4177

■ 10.2237, 17.3104,
12.3145

■ 45.6359, 34.9940,
39.8159

■ 9.8853, 17.1568,
11.3531

■ 50.3141, 37.3553,
42.3123

Harmonies

Analogous

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



19.8125, 21.8864, 21.5917



19.5532, 21.8864, 23.2726



19.6230, 21.8864, 25.1946

Triad

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



19.5532, 21.8864, 23.2726



21.2733, 21.8864, 27.4427



21.6204, 21.8864, 21.0639

Complementary

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



19.5532, 21.8864, 23.2726



19.5700, 19.2929, 21.4323

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.



22.0281, 21.8864, 22.5167



19.5532, 21.8864, 23.2726



21.8247, 21.8864, 26.2190

Square

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



19.5532, 21.8864, 23.2726



20.6066, 21.8864, 27.6719



22.1036, 21.8864, 24.3974



20.9994, 21.8864, 20.3623

Rectangle

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



19.5532, 21.8864, 23.2726



19.8474, 21.8864, 26.3503



22.1036, 21.8864, 24.3974



21.7875, 21.8864, 21.4768

Sweetspot

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



19.5538, 21.8873, 23.2731



37.3660, 40.0117, 43.2991



19.7094, 22.0323, 20.3536



8.6298, 9.2807, 10.0272



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.



19.5538, 21.8873, 23.2731



33.4666, 38.0662, 40.1943



19.6371, 21.5191, 24.9496



4.7329, 5.2514, 5.6044



9.5736, 16.6123, 11.0058



0.0367, 0.0589, 0.0565

Inverse Universe

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



19.5700, 19.2929, 21.4323



33.5019, 32.4419, 36.2040



19.4868, 19.6149, 19.8987



4.7362, 4.7142, 5.2233



9.7158, 4.9507, 3.0759



0.0369, 0.0185, 0.0278

Previews

White Background



This preview shows how the XYZ color 19.5532, 21.8864, 23.2726 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 19.5532, 21.8864, 23.2726 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

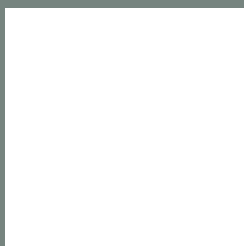
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.5532, 21.8864, 23.2726

Background



This preview shows how black text looks on a background with the XYZ color 19.5532, 21.8864, 23.2726.



This preview shows how white text looks on a background with the XYZ color 19.5532, 21.8864,

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

19.5532, 21.8864, 23.2726

Protanopia

20.9366, 21.8245, 22.5111

Deuteranopia

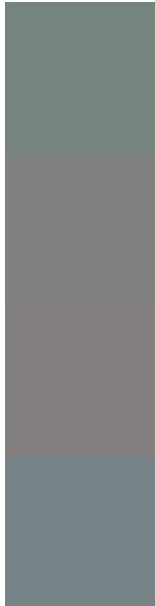
22.2806, 21.9149, 23.8246



Tritanopia

20.4620, 21.8518, 27.9503

Trichromacy



Original Color

19.5532, 21.8864, 23.2726

Protanomaly

20.3685, 21.7189, 22.8573

Deuteranomaly

21.2883, 21.9834, 23.5433

Tritanomaly

20.0972, 21.9038, 26.0903

Monochromacy



Original Color

19.5532, 21.8864, 23.2726

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.9932, 21.5179, 23.1783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5532, 21.8864, 23.2726 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(118, 132, 127)` looks like.

```
.text, #text, p{  
    color:rgb(118, 132, 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(118, 132, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 132, 127) }
```

Border

The CSS property to change the border of an element to XYZ 19.5532, 21.8864, 23.2726 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(118, 132, 127) }
```


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

```
.border{ border-color:rgb(118, 132, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 132, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 132, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 132, 127);  
box-shadow:4px 4px 4px 4px rgb(118, 132,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5532, 21.8864, 23.2726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 132, 127) }
```

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

```
.background{ background-color: rgb(118,  
132, 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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