

Converting Colors

XYZ(18.8816, 20.6826, 19.9824)

Have a look what the booklet for
XYZ(18.8816, 20.6826, 19.9824)
contains.

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Color

**XYZ(18.8854, 20.6243,
20.1251)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7F76
RGB	122, 127, 118
RGB Percent	48%, 50%, 46%
CMY	0.5216, 0.5019, 0.5373
CMYK	0.04, 0.00, 0.07, 0.50
HSL	93°, 4%, 48%
HSV	93°, 7%, 50%
XYZ	18.8854, 20.6243, 20.1251
YIQ	124.4790, -0.0910, -3.8590

Conversions

Conversions Part 2

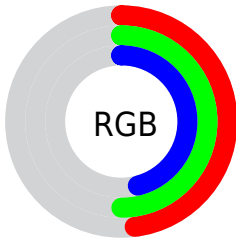
Format	Color
R_{YB}	118, 127, 123
Decimal	8028022
CIE Lab	52.54, -3.65, 4.24
CIE LCh	53, 5.593, 130.717
Yxy	20.6243, 0.3167, 0.3458
Android (android.graphics.Color)	4286218102 (0xFF7A7F76)
YUV	124.4790, -3.1941, -2.1741
Hunter-Lab	45.4140, -5.2453, 5.5156

Details

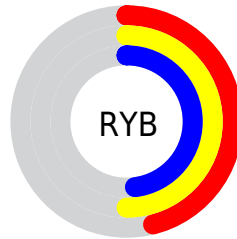
The XYZ color **18.8854, 20.6243, 20.1251** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.4784, 18.7007, 22.7154**, and the grayscale version is **19.3290, 20.3356, 22.1454**.

A 20% lighter version of the original color is **41.0325, 44.5435, 44.4653**, and **6.5775, 7.3074, 6.8582** is the 20% darker color. If you saturate the color by 10%, you get **17.2178, 19.8466, 16.3691**, and if you desaturate by 10%, it is **20.7284, 21.4818, 24.4207**.

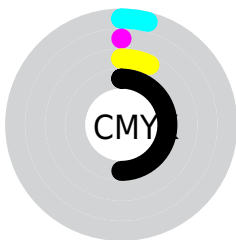
Distribution



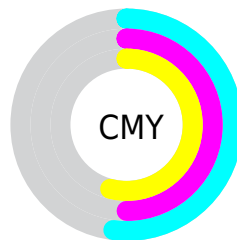
- Red (48%)
- Green (50%)
- Blue (46%)



- Red (46%)
- Yellow (50%)
- Blue (48%)



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)
- Black (50%)



- Cyan (52%)
- Magenta (50%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8854, 20.6243, 20.1251 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 18.8854, 20.6243, 20.1251 by changing the saturation by 10% instead.

■ 18.8854, 20.6243,
20.1251

■ 18.8854, 20.6243,
20.1251

238.7656,
255.2751, 265.2182

■ 11.6910, 12.8497,
12.3010

■ 41.0587, 44.4614,
44.4885

■ 6.6043, 7.3251,
6.8240

■ 56.7684, 61.2927,
61.8650

■ 3.2600, 3.6662,
3.2755

■ 76.0472, 81.9116,
83.2627

■ 1.2927, 1.4887,
1.2370

99.2605, 106.7026,
109.1001

■ 0.1778, 0.2807,
0.0093

126.7736,
136.0501, 139.7958

■ 0.0000, 0.0000,
0.0000

158.9519,

170.3384, 175.7684

196.1608,
209.9519, 217.4363

■ 18.8854, 20.6243,
20.1251

■ 18.8854, 20.6243,
20.1251

■ 17.2178, 19.8466,
16.3691

■ 20.7284, 21.4818,
24.4207

■ 15.7183, 19.1437,
13.1301

■ 22.7504, 22.4189,
29.2746

■ 14.3816, 18.5140,
10.3857

■ 24.9570, 23.4385,
34.7065

■ 13.2014, 17.9547,
8.1115

■ 27.3530, 24.5427,
40.7345

■ 12.1711, 17.4630,
6.2811

■ 29.9431, 25.7336,
47.3759

■ 11.2832, 17.0357,
4.8652

■ 32.7317, 27.0132,
54.6474

■ 10.5299, 16.6695,
3.8314

■ 35.7233, 28.3832,
62.5652

■ 9.9021, 16.3604,
3.1420

■ 38.9220, 29.8456,
71.1446

■ 9.3831, 16.1017,
2.7196

■ 42.3318, 31.4021,
80.4005

Harmonies

Analogous

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



19.3965, 20.6243, 19.4666



18.8854, 20.6243, 20.1251



18.5705, 20.6243, 21.4197

Triad

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



18.8854, 20.6243, 20.1251



19.2374, 20.6243, 25.6027



20.7173, 20.6243, 21.8686

Complementary

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



18.8854, 20.6243, 20.1251



18.4784, 18.7007, 22.7154

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.



20.6726, 20.6243, 23.5260



18.8854, 20.6243, 20.1251



19.8106, 20.6243, 25.7375

Square

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



18.8854, 20.6243, 20.1251



18.7709, 20.6243, 24.6013



20.3381, 20.6243, 24.9610



20.4589, 20.6243, 20.4398

Rectangle

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



18.8854, 20.6243, 20.1251



18.5104, 20.6243, 22.4963



20.3381, 20.6243, 24.9610



20.7373, 20.6243, 22.4165

Sweetspot

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



18.8860, 20.6252, 20.1255



35.4420, 37.6885, 39.7921



19.1000, 19.9744, 19.9886



8.3091, 8.8291, 9.3424



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



18.8860, 20.6252, 20.1255



33.1577, 36.6250, 34.5286



18.3580, 20.3499, 20.2408



4.4433, 4.9050, 4.6327



9.3214, 16.1677, 2.6294



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.4784, 18.7007, 22.7154



32.2220, 32.2068, 40.4745



19.0331, 18.9901, 22.5886



4.3195, 4.3203, 5.4195



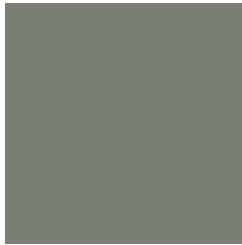
6.4512, 2.8794, 20.4657



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.8854, 20.6243, 20.1251 looks on a white background.

Color Contrast Check

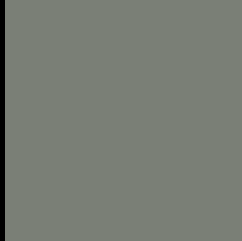
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.8854, 20.6243, 20.1251 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

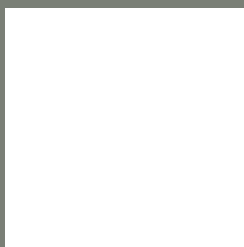
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.8854, 20.6243, 20.1251

Background



This preview shows how black text looks on a background with the XYZ color 18.8854, 20.6243, 20.1251.



This preview shows how white text looks on a background with the XYZ color 18.8854, 20.6243,

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

18.8854, 20.6243, 20.1251

Protanopia

19.5978, 20.6187, 19.7765

Deuteranopia

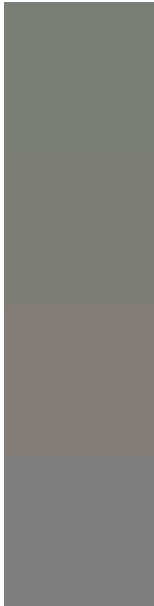
20.9824, 20.5821, 20.3196



Tritanopia

20.0941, 20.7484, 25.5000

Trichromacy



Original Color

18.8854, 20.6243, 20.1251

Protanomaly

19.2759, 20.6417, 19.7979

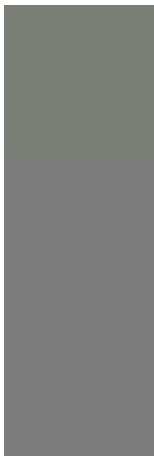
Deuteranomaly

20.0856, 20.4844, 20.3480

Tritanomaly

19.6693, 20.7653, 23.3935

Monochromacy



Original Color

18.8854, 20.6243, 20.1251

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.0148, 20.2833, 21.3252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8854, 20.6243, 20.1251 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(122, 127, 118)` looks like.

```
.text, #text, p{  
    color:rgb(122, 127, 118)  
}
```

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(122, 127, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 127, 118) }
```

Border

The CSS property to change the border of an element to XYZ 18.8854, 20.6243, 20.1251 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(122, 127, 118) }
```


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

```
.border{ border-color:rgb(122, 127, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 127, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 127, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 127, 118);  
box-shadow:4px 4px 4px 4px rgb(122, 127,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8854, 20.6243, 20.1251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 127, 118) }
```

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

```
.background{ background-color: rgb(122,  
127, 118) }
```

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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