

Converting Colors

XYZ(18.5742, 20.4067, 14.8777)

Have a look what the booklet for
XYZ(18.5742, 20.4067, 14.8777)
contains.

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Color

**XYZ(18.6151, 20.4118,
14.7631)**

Conversions

Conversions Part 1

Format	Color
Hex	807E63
RGB	128, 126, 99
RGB Percent	50%, 49%, 39%
CMY	0.4980, 0.5059, 0.6118
CMYK	0.00, 0.02, 0.23, 0.50
HSL	56°, 13%, 45%
HSV	56°, 23%, 50%
XYZ	18.6151, 20.4118, 14.7631
YIQ	123.5200, 9.8590, -7.9730

Conversions

Conversions Part 2

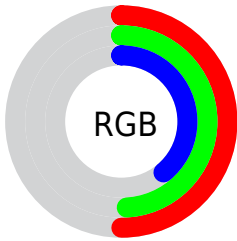
Format	Color
R_{YB}	101, 128, 99
Decimal	8420963
CIE _{Lab}	52.30, -4.03, 15.01
CIE _{LCh}	52, 15.542, 105.025
Yxy	20.4118, 0.3461, 0.3795
Android (android.graphics.Color)	4286611043 (0xFF807E63)
YUV	123.5200, -12.0884, 3.9290
Hunter-Lab	45.1794, -5.5173, 12.2516

Details

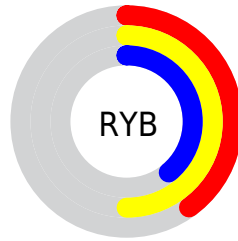
The XYZ color **18.6151, 20.4118, 14.7631** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.6955, 13.5182, 22.3096**, and the grayscale version is **19.0357, 20.0270, 21.8094**.

A 20% lighter version of the original color is **40.6812, 44.2660, 35.2542**, and **6.4156, 7.1754, 4.2957** is the 20% darker color. If you saturate the color by 10%, you get **17.9391, 19.9625, 11.7543**, and if you desaturate by 10%, it is **19.3902, 20.9037, 18.2841**.

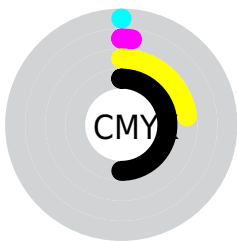
Distribution



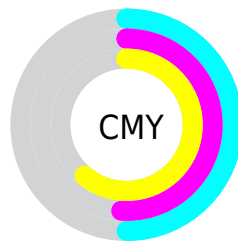
- Red (50%)
- Green (49%)
- Blue (39%)



- Red (40%)
- Yellow (50%)
- Blue (39%)



- Cyan (0%)
- Magenta (2%)
- Yellow (23%)
- Black (50%)



- Cyan (50%)
- Magenta (51%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6151, 20.4118, 14.7631 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 18.6151, 20.4118, 14.7631 by changing the saturation by 10% instead.

■ 18.6151, 20.4118,
14.7631

■ 18.6151, 20.4118,
14.7631

237.2947,
254.1358, 233.5190

■ 11.4948, 12.6947,
8.5085

■ 40.6046, 44.1065,
35.1735

■ 6.4704, 7.2187,
4.3296

■ 56.2046, 60.8530,
50.1663

■ 3.1766, 3.5992,
1.8079

■ 75.3618, 81.3780,
68.9090

■ 1.2478, 1.4520,
0.4331

■ 98.4417, 106.0660,
91.8201

■ 0.1436, 0.2546,
0.0000

125.8096,
135.3014, 119.3181

■ 0.0000, 0.0000,
0.0000

157.8308,

169.4686, 151.8215

194.8707,
208.9519, 189.7490

■ 18.6151, 20.4118,
14.7631

■ 18.6151, 20.4118,
14.7631

■ 17.9391, 19.9625,
11.7543

■ 19.3902, 20.9037,
18.2841

■ 17.3559, 19.5513,
9.2323

■ 20.2671, 21.4372,
22.3383

■ 16.8614, 19.1771,
7.1716

■ 21.2503, 22.0148,
26.9473

■ 16.4499, 18.8377,
5.5438

■ 22.3435, 22.6380,
32.1311

■ 16.1156, 18.5308,
4.3176

■ 23.5505, 23.3083,
37.9086

■ 15.8517, 18.2536,
3.4571

■ 24.8745, 24.0271,
44.2979

■ 15.6501, 18.0028,
2.9200

■ 26.3190, 24.7956,
51.3164

■ 15.5212, 17.8273,
2.6230

■ 27.8871, 25.6152,
58.9806

■ 29.5817, 26.4871,
67.3066

Harmonies

Analogous

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



20.2057, 20.4118, 14.7616



18.6151, 20.4118, 14.7631



17.3073, 20.4118, 16.5672

Triad

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



18.6151, 20.4118, 14.7631



17.3090, 20.4118, 29.0496



22.5232, 20.4118, 24.5774

Complementary

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



18.6151, 20.4118, 14.7631



13.6955, 13.5182, 22.3096

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.



21.6567, 20.4118, 29.0432



18.6151, 20.4118, 14.7631



18.6176, 20.4118, 31.8562

Square

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



18.6151, 20.4118, 14.7631



16.5819, 20.4118, 24.5852



20.2083, 20.4118, 31.8537



22.5224, 20.4118, 20.0209

Rectangle

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



18.6151, 20.4118, 14.7631



16.7466, 20.4118, 18.7125



20.2083, 20.4118, 31.8537



22.3216, 20.4118, 26.1516

Sweetspot

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



18.6156, 20.4127, 14.7635



34.9649, 37.3106, 35.9951



15.7336, 14.4609, 14.3815



8.1700, 8.7256, 8.3524



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.



18.6156, 20.4127, 14.7635



32.1630, 35.5372, 23.2526



17.1629, 20.0467, 14.7694



4.6408, 4.9704, 4.6349



15.3907, 17.6777, 2.6010



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.6955, 13.5182, 22.3096



21.9624, 21.2439, 38.8992



14.9244, 13.8674, 22.3123



4.1308, 4.2556, 5.4170



3.9587, 1.7360, 20.3764



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.6151, 20.4118, 14.7631 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 18.6151, 20.4118, 14.7631 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 18.6151, 20.4118, 14.7631

Background



This preview shows how black text looks on a background with the XYZ color 18.6151, 20.4118, 14.7631.



This preview shows how white text looks on a background with the XYZ color 18.6151, 20.4118,

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

18.6151, 20.4118, 14.7631

Protanopia

19.2111, 20.5356, 14.5065

Deuteranopia

20.6938, 20.3728, 14.8983



Tritanopia

20.5720, 20.4633, 24.3383

Trichromacy



Original Color

18.6151, 20.4118, 14.7631

Protanomaly

18.8983, 20.3744, 14.4919

Deuteranomaly

19.9072, 20.3281, 14.9311

Tritanomaly

19.7728, 20.3231, 20.3334

Monochromacy



Original Color

18.6151, 20.4118, 14.7631

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.8856, 20.2650, 19.1358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6151, 20.4118, 14.7631 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(128, 126, 99)` looks like.

```
.text, #text, p{  
    color:rgb(128, 126, 99)  
}
```

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(128, 126, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 126, 99) }
```

Border

The CSS property to change the border of an element to XYZ 18.6151, 20.4118, 14.7631 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(128, 126, 99) }
```


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

```
.border{ border-color:rgb(128, 126, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 126, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 126, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 126, 99);  
box-shadow:4px 4px 4px 4px rgb(128, 126,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6151, 20.4118, 14.7631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 126, 99) }
```

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

```
.background{ background-color: rgb(128,  
126, 99) }
```

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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