

Converting Colors

XYZ(18.3811, 20.5895, 14.2902)

Have a look what the booklet for
XYZ(18.3811, 20.5895, 14.2902)
contains.

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Color

**XYZ(18.4810, 20.7370,
14.3379)**

Conversions

Conversions Part 1

Format	Color
Hex	7E8061
RGB	126, 128, 97
RGB Percent	49%, 50%, 38%
CMY	0.5059, 0.4980, 0.6196
CMYK	0.02, 0.00, 0.24, 0.50
HSL	64°, 14%, 44%
HSV	64°, 24%, 50%
XYZ	18.4810, 20.7370, 14.3379
YIQ	123.8680, 8.7590, -10.0650

Conversions

Conversions Part 2

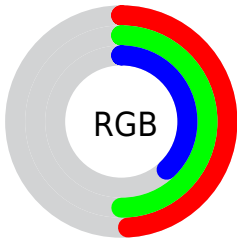
Format	Color
R_{YB}	97, 128, 99
Decimal	8290401
CIE _{Lab}	52.66, -6.28, 16.63
CIE _{LCh}	53, 17.777, 110.699
Yxy	20.7370, 0.3451, 0.3872
Android (android.graphics.Color)	4286480481 (0xFF7E8061)
YUV	123.8680, -13.2459, 1.8698
Hunter-Lab	45.5379, -7.2493, 13.2087

Details

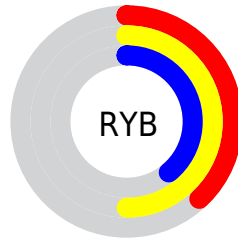
The XYZ color **18.4810, 20.7370, 14.3379** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.3174, 12.7612, 22.1845**, and the grayscale version is **19.1553, 20.1529, 21.9465**.

A 20% lighter version of the original color is **40.4596, 44.7696, 34.5259**, and **6.4323, 7.4000, 4.1069** is the 20% darker color. If you saturate the color by 10%, you get **17.8105, 20.4555, 11.4384**, and if you desaturate by 10%, it is **19.2500, 21.0594, 17.7456**.

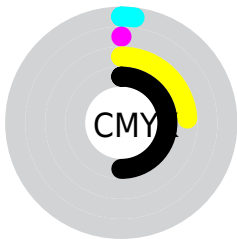
Distribution



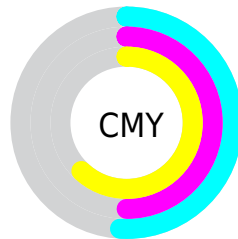
- Red (49%)
- Green (50%)
- Blue (38%)



- Red (38%)
- Yellow (50%)
- Blue (39%)



- Cyan (2%)
- Magenta (0%)
- Yellow (24%)
- Black (50%)



- Cyan (51%)
- Magenta (50%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4810, 20.7370, 14.3379 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 18.4810, 20.7370, 14.3379 by changing the saturation by 10% instead.

■ 18.4810, 20.7370,
14.3379

■ 18.4810, 20.7370,
14.3379

236.5619,
255.8775, 230.8240

■ 11.3976, 12.9319,
8.2146

■ 40.3789, 44.6494,
34.4131

■ 6.4042, 7.3817,
4.1429

■ 55.9242, 61.5255,
49.2021

■ 3.1354, 3.7019,
1.7040

■ 75.0209, 82.1941,
67.7168

■ 1.2258, 1.5083,
0.3635

■ 98.0342, 107.0395,
90.3757

■ 0.1266, 0.2945,
0.0000

125.3297,
136.4461, 117.5973

■ 0.0000, 0.0000,
0.0000

157.2725,

170.7984, 149.8002

194.2281,
210.4807, 187.4029

■ 18.4810, 20.7370,
14.3379

■ 18.4810, 20.7370,
14.3379

■ 17.8105, 20.4555,
11.4384

■ 19.2500, 21.0594,
17.7456

■ 17.2321, 20.2102,
9.0216

■ 20.1201, 21.4217,
21.6829

■ 16.7415, 20.0002,
7.0616

■ 21.0958, 21.8264,
26.1715

■ 16.3332, 19.8231,
5.5296

■ 22.1811, 22.2751,
31.2316

■ 16.0010, 19.6767,
4.3935

■ 23.3796, 22.7691,
36.8822

■ 15.7381, 19.5581,
3.6168

■ 24.6947, 23.3098,
43.1417

■ 15.5351, 19.4636,
3.1505

■ 26.1297, 23.8987,
50.0273

■ 15.4283, 19.4132,
2.9340

■ 27.6878, 24.5369,
57.5559

■ 29.3722, 25.2257,
65.7436

Harmonies

Analogous

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



20.2895, 20.7370, 13.9551



18.4810, 20.7370, 14.3379



17.0873, 20.7370, 16.7297

Triad

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



18.4810, 20.7370, 14.3379



17.5448, 20.7370, 31.4003



23.4268, 20.7370, 24.2633

Complementary

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



18.4810, 20.7370, 14.3379



13.3174, 12.7612, 22.1845

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.



22.5880, 20.7370, 29.6541



18.4810, 20.7370, 14.3379



19.1414, 20.7370, 34.1781

Square

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



18.4810, 20.7370, 14.3379



16.5706, 20.7370, 26.3685



20.9921, 20.7370, 33.4935



23.2225, 20.7370, 19.1713

Rectangle

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



18.4810, 20.7370, 14.3379



16.5443, 20.7370, 19.3811



20.9921, 20.7370, 33.4935



23.2556, 20.7370, 26.1108

Sweetspot

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



18.4815, 20.7379, 14.3383



34.9530, 37.5190, 36.0360



15.4798, 14.2915, 13.2523



8.1670, 8.7774, 8.3626



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.



18.4815, 20.7379, 14.3383



31.8735, 36.2311, 22.3542



16.4269, 19.6787, 14.2422



4.6388, 5.0058, 4.6418



15.2978, 19.2487, 2.9091



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.3174, 12.7612, 22.1845



21.1566, 19.6759, 38.6390



15.1176, 13.6892, 22.2687



4.1326, 4.2240, 5.4108



3.9666, 1.5985, 20.3494



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.4810, 20.7370, 14.3379 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 18.4810, 20.7370, 14.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

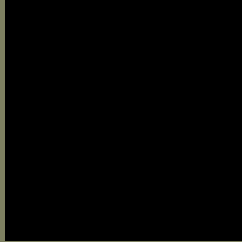
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

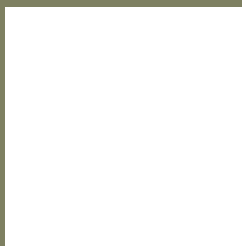
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.4810, 20.7370, 14.3379

Background



This preview shows how black text looks on a background with the XYZ color 18.4810, 20.7370, 14.3379.

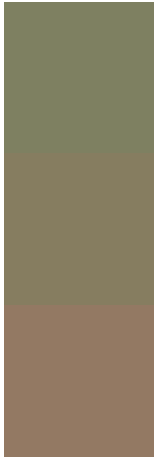


This preview shows how white text looks on a background with the XYZ color 18.4810, 20.7370,

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

18.4810, 20.7370, 14.3379

Protanopia

19.2765, 20.5801, 14.0227

Deuteranopia

21.1221, 20.7786, 14.7018



Tritanopia

20.6767, 20.6847, 25.0931

Trichromacy



Original Color

18.4810, 20.7370, 14.3379

Protanomaly

18.9322, 20.5915, 14.0431

Deuteranomaly

20.0597, 20.7861, 14.5101

Tritanomaly

19.7770, 20.6904, 20.7206

Monochromacy



Original Color

18.4810, 20.7370, 14.3379

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.8283, 20.2421, 18.8343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4810, 20.7370, 14.3379 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(126, 128, 97)` looks like.

```
.text, #text, p{  
    color:rgb(126, 128, 97)  
}
```

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(126, 128, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 128, 97) }
```

Border

The CSS property to change the border of an element to XYZ 18.4810, 20.7370, 14.3379 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(126, 128, 97) }
```


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

```
.border{ border-color:rgb(126, 128, 97) }
```

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

Here you see how a box with a 4 pixel rgb(126, 128, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 128, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 128, 97);  
box-shadow:4px 4px 4px 4px rgb(126, 128,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4810, 20.7370, 14.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 128, 97) }
```

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

```
.background{ background-color: rgb(126,  
128, 97) }
```

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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