

Converting Colors

XYZ(23.9719, 31.0930, 17.5225)

Have a look what the booklet for
XYZ(23.9719, 31.0930, 17.5225)
contains.

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Color

**XYZ(23.9454, 30.9810,
17.5498)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7FA167 |
| RGB | 127, 161, 103 |
| RGB Percent | 50%, 63%, 40% |
| CMY | 0.5020, 0.3686, 0.5961 |
| CMYK | 0.21, 0.00, 0.36, 0.37 |
| HSL | 95°, 24%, 52% |
| HSV | 95°, 36%, 63% |
| XYZ | 23.9454, 30.9810, 17.5498 |
| YIQ | 144.2220, -1.6460, -25.2460 |

Conversions

Conversions Part 2

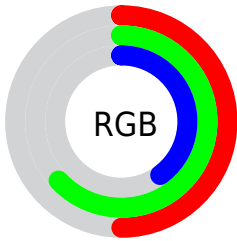
| Format | Color |
|-------------------------------------|--|
| RYB | 103, 161, 137 |
| Decimal | 8364391 |
| CIELab | 62.49, -22.54, 26.49 |
| CIELCh | 62, 34.777, 130.392 |
| Yxy | 30.9810, 0.3304, 0.4275 |
| Android (android.graphics.Color) | 4286554471 (0xFF7FA167) |
| YUV | 144.2220, -20.3224, -15.1037 |
| Hunter-Lab | 55.6606, -20.6146, 20.2682 |

Details

The XYZ color **23.9454, 30.9810, 17.5498** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.6011, 17.5929, 35.9772**, and the grayscale version is **26.6793, 28.0687, 30.5668**.

A 20% lighter version of the original color is **49.5283, 61.3020, 40.2324**, and **9.1387, 12.7496, 5.5937** is the 20% darker color. If you saturate the color by 10%, you get **21.8736, 29.9984, 13.6331**, and if you desaturate by 10%, it is **26.3062, 32.0964, 22.2936**.

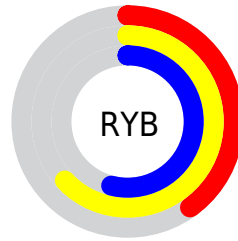
Distribution



Red (50%)

Green (63%)

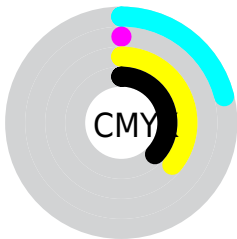
Blue (40%)



Red (40%)

Yellow (63%)

Blue (54%)

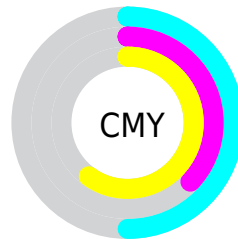


Cyan (21%)

Magenta (0%)

Yellow (36%)

Black (37%)



Cyan (50%)

Magenta (37%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9454, 30.9810, 17.5498 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 23.9454, 30.9810, 17.5498 by changing the saturation by 10% instead.

■ 23.9454, 30.9810,
17.5498

■ 23.9454, 30.9810,
17.5498

264.9899,
306.4508, 250.4714

■ 15.4176, 20.5844,
10.4612

■ 49.3964, 61.2102,
40.0722

■ 9.2012, 12.8205,
5.5962

■ 67.0504, 81.8115,
56.3431

■ 4.9308, 7.3051,
2.5364

■ 88.4771, 106.5832,
76.5117

■ 2.2411, 3.6536,
0.8593

■ 114.0420,
135.9096, 100.9968

■ 0.7643, 1.4818,
0.0000

144.1103,
170.1752, 130.2167

■ 0.0000, 0.2758,
0.0000

179.0476,

■ 0.0000, 0.0000,

209.7643, 164.5901

0.0000

219.2190,
255.0614, 204.5355

■ 23.9454, 30.9810,
17.5498

■ 23.9454, 30.9810,
17.5498

■ 21.8736, 29.9984,
13.6331

■ 26.3062, 32.0964,
22.2936

■ 20.0757, 29.1392,
10.4941

■ 28.9653, 33.3458,
27.9062

■ 18.5390, 28.3988,
8.0813


■ 31.9344, 34.7351,
34.4286


■ 17.2485, 27.7708,
6.3361


■ 35.2241, 36.2691,
41.8990


■ 16.1871, 27.2479,
5.1908

■ 38.8441, 37.9519,
50.3531


 15.3329, 26.8208,
4.5526

 42.8039, 39.7877,
59.8249

 15.0340, 26.6708,
4.3556

 47.1125, 41.7804,
70.3467

 51.7787, 43.9340,
81.9495

 56.8107, 46.2519,
94.6628

Harmonies

Analogous

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



27.8387, 30.9810, 14.0743



23.9454, 30.9810, 17.5498



21.6940, 30.9810, 25.7368

Triad

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



23.9454, 30.9810, 17.5498



26.5031, 30.9810, 64.6402



39.3116, 30.9810, 29.2560

Complementary

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



23.9454, 30.9810, 17.5498



21.6011, 17.5929, 35.9772

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.



38.8556, 30.9810, 43.2345



23.9454, 30.9810, 17.5498



31.1151, 30.9810, 66.3230

Square

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



23.9454, 30.9810, 17.5498



23.0578, 30.9810, 53.5476



35.7315, 30.9810, 57.6697



36.9181, 30.9810, 19.5312

Rectangle

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



23.9454, 30.9810, 17.5498



21.2675, 30.9810, 33.9113



35.7315, 30.9810, 57.6697



39.4923, 30.9810, 33.5554

Sweetspot

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



23.9462, 30.9823, 17.5505



54.3636, 60.8837, 55.3960



26.0693, 26.4015, 16.5544



11.7777, 13.2848, 11.8316



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.9462, 30.9823, 17.5505



39.9517, 54.0932, 25.8471



21.0372, 29.4539, 18.7178



7.2502, 8.0315, 7.5482



12.0509, 21.3229, 3.4806



0.3063, 0.4754, 0.0756

Inverse Universe

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



21.6011, 17.5929, 35.9772



35.1310, 26.6057, 63.6703



25.5642, 19.6843, 33.9801



7.0796, 7.0554, 8.8918



8.9034, 3.9963, 27.2319



0.2390, 0.1107, 0.5746

Previews

White Background



This preview shows how the XYZ color 23.9454, 30.9810, 17.5498 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 23.9454, 30.9810, 17.5498 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 ✓ Pass

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

XYZ 23.9454, 30.9810, 17.5498

Background



This preview shows how black text looks on a background with the XYZ color 23.9454, 30.9810, 17.5498.



This preview shows how white text looks on a background with the XYZ color 23.9454, 30.9810,

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

23.9454, 30.9810, 17.5498

Protanopia

28.6286, 30.9266, 16.2649

Deuteranopia

31.2175, 30.5918, 18.1694



Tritanopia

28.5907, 30.8540, 40.5249

Trichromacy



Original Color

23.9454, 30.9810, 17.5498

Protanomaly

26.7841, 30.9421, 16.6173

Deuteranomaly

28.0051, 30.3269, 18.0133

Tritanomaly

26.5193, 30.7466, 30.5236

Monochromacy



Original Color

23.9454, 30.9810, 17.5498

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.3500, 28.8009, 24.9919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9454, 30.9810, 17.5498 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(127, 161, 103)` looks like.

```
.text, #text, p{  
    color:rgb(127, 161, 103)  
}
```

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(127, 161, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 161, 103) }
```

Border

The CSS property to change the border of an element to XYZ 23.9454, 30.9810, 17.5498 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(127, 161, 103) }
```


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

```
.border{ border-color:rgb(127, 161, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 161, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 161, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 161, 103);  
box-shadow:4px 4px 4px 4px rgb(127, 161,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9454, 30.9810, 17.5498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 161, 103) }
```

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

```
.background{ background-color: rgb(127,  
161, 103) }
```

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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