

Converting Colors

XYZ(14.9810, 19.0998, 24.3698)

Have a look what the booklet for
XYZ(14.9810, 19.0998, 24.3698)
contains.

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Color

**XYZ(14.9810, 19.0998,
24.3698)**

Conversions

Conversions Part 1

Format	Color
Hex	4B8283
RGB	75, 130, 131
RGB Percent	29%, 51%, 51%
CMY	0.7059, 0.4902, 0.4863
CMYK	0.43, 0.01, 0.00, 0.49
HSL	181°, 27%, 40%
HSV	181°, 43%, 51%
XYZ	14.9810, 19.0998, 24.3698
YIQ	113.6690, -33.1010, -11.3490

Conversions

Conversions Part 2

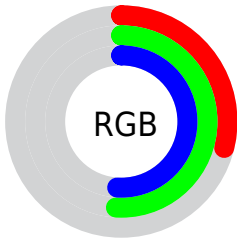
Format	Color
R_{YB}	75, 103, 131
Decimal	4948611
CIE Lab	50.80, -17.86, -6.25
CIE LCh	51, 18.922, 199.291
Yxy	19.0998, 0.2563, 0.3268
Android (android.graphics.Color)	4283138691 (0xFF4B8283)
YUV	113.6690, 8.5442, -33.9127
Hunter-Lab	43.7033, -15.2930, -2.4689

Details

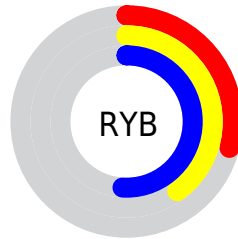
The XYZ color **14.9810, 19.0998, 24.3698** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.2148, 10.5024, 7.9877**, and the grayscale version is **15.8780, 16.7049, 18.1916**.

A 20% lighter version of the original color is **34.3376, 41.8397, 51.6135**, and **4.7009, 6.5059, 8.9907** is the 20% darker color. If you saturate the color by 10%, you get **14.0292, 18.5635, 24.3168**, and if you desaturate by 10%, it is **16.1451, 19.7465, 24.4336**.

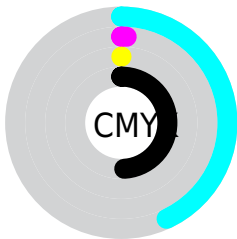
Distribution



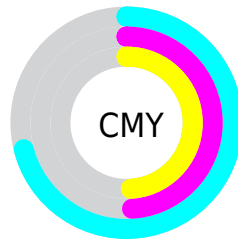
- Red (29%)
- Green (51%)
- Blue (51%)



- Red (29%)
- Yellow (40%)
- Blue (51%)



- Cyan (43%)
- Magenta (1%)
- Yellow (0%)
- Black (49%)



- Cyan (71%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9810, 19.0998, 24.3698 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 14.9810, 19.0998, 24.3698 by changing the saturation by 10% instead.

■ 14.9810, 19.0998,
24.3698

■ 14.9810, 19.0998,
24.3698

216.6418,
246.9992, 288.0313

■ 8.8923, 11.7424,
15.3934

■ 34.3918, 41.9027,
51.5844

■ 4.7275, 6.5685,
8.9463

■ 48.4445, 58.1169,
70.6596

■ 2.1214, 3.1938,
4.6098

■ 65.8827, 78.0523,
93.9383

■ 0.7008, 1.2337,
1.9655

■ 87.0716, 102.0931,
121.8389

■ 0.0000, 0.0890,
0.5339

■ 112.3766,
130.6238, 154.7799

■ 0.0000, 0.0000,
0.0000

142.1631,

164.0288, 193.1800

176.7964,
202.6925, 237.4576

■ 14.9810, 19.0998,
24.3698

■ 14.9810, 19.0998,
24.3698

■ 14.0292, 18.5635,
24.3168

■ 16.1451, 19.7465,
24.4336

■ 13.2748, 18.1286,
24.2726

■ 17.5316, 20.5076,
24.5074

■ 12.7040, 17.7885,
24.2370

■ 19.1521, 21.3894,
24.5922

■ 12.3003, 17.5346,
24.2093

■ 21.0171, 22.3974,
24.6885

■ 12.0442, 17.3569,
24.1885

■ 23.1361, 23.5364,
24.7966

■ 11.9030, 17.2511,
24.1755

■ 25.5184, 24.8112,
24.9172

■ 28.1727, 26.2263,
25.0504

■ 31.1072, 27.7860,
25.1968

■ 34.3299, 29.4945,
25.3567

Harmonies

Analogous

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



14.8594, 19.0998, 18.9494



14.9810, 19.0998, 24.3698



15.9182, 19.0998, 29.5739

Triad

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



14.9810, 19.0998, 24.3698



21.0041, 19.0998, 28.2234



18.8270, 19.0998, 12.2634

Complementary

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



14.9810, 19.0998, 24.3698



13.2148, 10.5024, 7.9877

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.



20.5895, 19.0998, 13.9542



14.9810, 19.0998, 24.3698



21.9023, 19.0998, 22.7597

Square

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



14.9810, 19.0998, 24.3698



19.3620, 19.0998, 32.0484



21.7456, 19.0998, 17.5907



16.9969, 19.0998, 12.5448

Rectangle

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



14.9810, 19.0998, 24.3698



16.9174, 19.0998, 31.9328



21.7456, 19.0998, 17.5907



19.4490, 19.0998, 12.6068

Sweetspot

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



14.9816, 19.1005, 24.3702



34.1251, 38.2102, 44.0299



12.3205, 18.2497, 9.6989



7.8067, 8.8211, 10.2439



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.



14.9816, 19.1005, 24.3702



25.2103, 33.2925, 43.5505



11.7567, 12.6508, 23.2953



4.7947, 5.2650, 5.9643



11.7167, 16.9812, 23.7969



0.0412, 0.0600, 0.0826

Inverse Universe

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



15.9059, 11.4696, 22.4954



27.0996, 17.8135, 39.6921



15.5741, 15.2209, 8.7741



4.8544, 4.7614, 5.8456



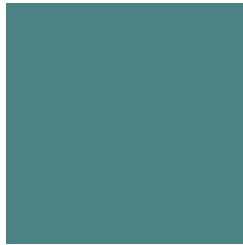
13.0922, 6.3012, 20.8555



0.0456, 0.0219, 0.0737

Previews

White Background



This preview shows how the XYZ color 14.9810, 19.0998, 24.3698 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 14.9810, 19.0998, 24.3698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

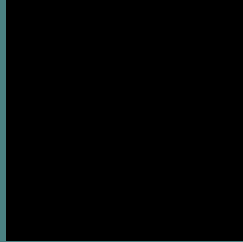
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.9810, 19.0998, 24.3698

Background



This preview shows how black text looks on a background with the XYZ color 14.9810, 19.0998, 24.3698.



This preview shows how white text looks on a background with the XYZ color 14.9810, 19.0998,

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

14.9810, 19.0998, 24.3698

Protanopia

18.3033, 18.9786, 22.1006

Deuteranopia

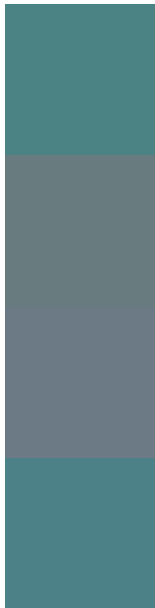
19.2686, 18.8794, 25.1828



Tritanopia

15.5710, 19.1424, 27.3003

Trichromacy



Original Color

14.9810, 19.0998, 24.3698

Protanomaly

16.7473, 18.8907, 22.8423

Deuteranomaly

17.2566, 18.7383, 24.8976

Tritanomaly

15.2747, 19.0146, 26.1577

Monochromacy



Original Color

14.9810, 19.0998, 24.3698

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.3622, 17.4983, 20.3371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9810, 19.0998, 24.3698 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(75, 130, 131)` looks like.

```
.text, #text, p{  
    color:rgb(75, 130, 131)  
}
```

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(75, 130, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 130, 131) }
```

Border

The CSS property to change the border of an element to XYZ 14.9810, 19.0998, 24.3698 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(75, 130, 131) }
```


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

```
.border{ border-color:rgb(75, 130, 131) }
```

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

Here you see how a box with a 4 pixel rgb(75, 130, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 130, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 130, 131);  
box-shadow:4px 4px 4px 4px rgb(75, 130,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9810, 19.0998, 24.3698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 130, 131) }
```

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

```
.background{ background-color: rgb(75, 130,  
131) }
```

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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