

Converting Colors

XYZ(14.7866, 19.3910, 24.7935)

Have a look what the booklet for
XYZ(14.7866, 19.3910, 24.7935)
contains.

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Color

**XYZ(14.8000, 19.3974,
24.7938)**

Conversions

Conversions Part 1

Format	Color
Hex	448484
RGB	68, 132, 132
RGB Percent	27%, 52%, 52%
CMY	0.7333, 0.4823, 0.4823
CMYK	0.48, 0.00, 0.00, 0.48
HSL	180°, 32%, 39%
HSV	180°, 48%, 52%
XYZ	14.8000, 19.3974, 24.7938
YIQ	112.8640, -38.1440, -13.5680

Conversions

Conversions Part 2

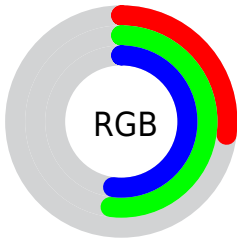
Format	Color
RYB	68, 100, 132
Decimal	4490372
CIELab	51.15, -20.44, -6.36
CIELCh	51, 21.406, 197.275
Yxy	19.3974, 0.2509, 0.3288
Android (android.graphics.Color)	4282680452 (0xFF448484)
YUV	112.8640, 9.4340, -39.3457
Hunter-Lab	44.0425, -17.0913, -2.5477

Details

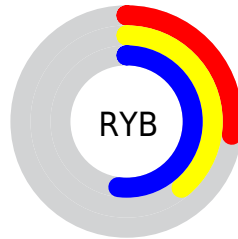
The XYZ color **14.8000, 19.3974, 24.7938** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **12.6269, 9.4577, 6.6295**, and the grayscale version is **15.6372, 16.4516, 17.9158**.

A 20% lighter version of the original color is **33.9911, 42.2657, 52.2655**, and **4.6412, 6.6914, 9.2306** is the 20% darker color. If you saturate the color by 10%, you get **13.9812, 18.9758, 24.7558**, and if you desaturate by 10%, it is **15.8273, 19.9274, 24.8424**.

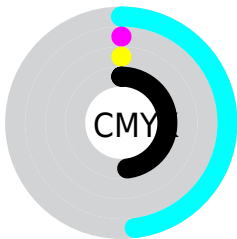
Distribution



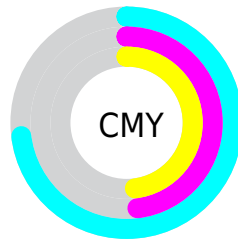
- Red (27%)
- Green (52%)
- Blue (52%)



- Red (27%)
- Yellow (39%)
- Blue (52%)



- Cyan (48%)
- Magenta (0%)
- Yellow (0%)
- Black (48%)



- Cyan (73%)
- Magenta (48%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8000, 19.3974, 24.7938 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 14.8000, 19.3974, 24.7938 by changing the saturation by 10% instead.

■ 14.8000, 19.3974,
24.7938

■ 14.8000, 19.3974,
24.7938

215.5649,
248.6339, 290.2242

■ 8.7645, 11.9578,
15.7059

■ 34.0765, 42.4045,
52.2825

■ 4.6438, 6.7149,
9.1642

■ 48.0482, 58.7409,
71.5203

■ 2.0724, 3.2845,
4.7501

■ 65.3961, 78.8115,
94.9785

■ 0.6741, 1.2820,
2.0453

■ 86.4854, 103.0009,
123.0757

■ 0.0000, 0.1272,
0.5829

■ 111.6817,
131.6935, 156.2302

■ 0.0000, 0.0000,
0.0000

141.3501,

165.2736, 194.8608

175.8560,
204.1256, 239.3860

■ 14.8000, 19.3974,
24.7938

■ 14.8000, 19.3974,
24.7938

■ 13.9812, 18.9758,
24.7558

■ 15.8273, 19.9274,
24.8424

■ 13.3551, 18.6530,
24.7264

■ 17.0741, 20.5702,
24.9009

■ 12.9064, 18.4217,
24.7053

■ 18.5528, 21.3325,
24.9702

■ 12.6167, 18.2723,
24.6916

■ 20.2742, 22.2199,
25.0508

■ 12.4414, 18.1820,
24.6833

■ 22.2487, 23.2378,
25.1433

■ 12.4164, 18.1691,
24.6821

■ 24.4859, 24.3911,
25.2481

■ 26.9948, 25.6845,
25.3657

■ 29.7842, 27.1225,
25.4963

■ 32.8625, 28.7094,
25.6405

Harmonies

Analogous

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



14.7275, 19.3974, 18.6437



14.8000, 19.3974, 24.7938



15.7982, 19.3974, 30.9483

Triad

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



14.8000, 19.3974, 24.7938



21.6078, 19.3974, 30.1076



19.3524, 19.3974, 11.6303

Complementary

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



14.8000, 19.3974, 24.7938



12.6269, 9.4577, 6.6295

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.



21.3536, 19.3974, 13.6305



14.8000, 19.3974, 24.7938



22.7215, 19.3974, 23.8075

Square

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



14.8000, 19.3974, 24.7938



19.6782, 19.3974, 34.3982



22.6250, 19.3974, 17.8291



17.2484, 19.3974, 11.7927

Rectangle

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



14.8000, 19.3974, 24.7938



16.9012, 19.3974, 33.8735



22.6250, 19.3974, 17.8291



20.0624, 19.3974, 12.0530

Sweetspot

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



14.8006, 19.3982, 24.7943



33.5872, 38.0437, 44.0258



11.7542, 18.1883, 8.3605



7.6974, 8.7943, 10.2444



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.



14.8006, 19.3982, 24.7943



24.5252, 33.3721, 43.6009



11.2095, 12.2158, 23.5977



4.8016, 5.2789, 5.9666



12.0217, 17.5915, 23.8976



0.0416, 0.0609, 0.0828

Inverse Universe

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



12.6269, 9.4577, 6.6295



20.2255, 13.7092, 7.6699



15.0153, 14.2346, 7.4254



4.6726, 4.6887, 4.8881



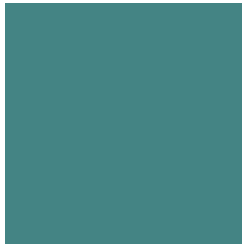
9.2136, 4.7498, 0.4313



0.0319, 0.0165, 0.0015

Previews

White Background



This preview shows how the XYZ color 14.8000, 19.3974, 24.7938 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 14.8000, 19.3974, 24.7938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

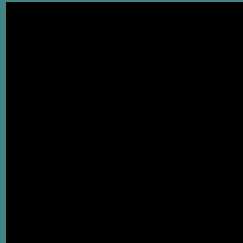
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.8000, 19.3974, 24.7938

Background



This preview shows how black text looks on a background with the XYZ color 14.8000, 19.3974, 24.7938.



This preview shows how white text looks on a background with the XYZ color 14.8000, 19.3974,

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

14.8000, 19.3974, 24.7938

Protanopia

18.5651, 19.2930, 22.1475

Deuteranopia

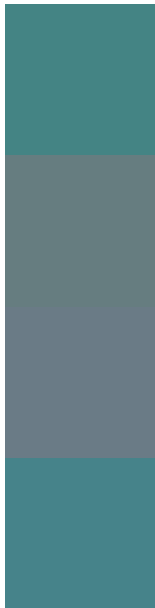
19.6040, 19.2182, 25.5979



Tritanopia

15.5226, 19.4953, 28.1441

Trichromacy



Original Color

14.8000, 19.3974, 24.7938

Protanomaly

16.7094, 19.0505, 23.2185

Deuteranomaly

17.3299, 18.9513, 25.2988

Tritanomaly

15.2295, 19.3697, 26.9808

Monochromacy



Original Color

14.8000, 19.3974, 24.7938

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.0364, 17.3304, 20.3219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8000, 19.3974, 24.7938 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(68, 132, 132) looks like.

```
.text, #text, p{  
    color:rgb(68, 132, 132)  
}
```

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(68, 132, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 132, 132) }
```

Border

The CSS property to change the border of an element to XYZ 14.8000, 19.3974, 24.7938 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(68, 132, 132) }
```


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

```
.border{ border-color:rgb(68, 132, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 132, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 132, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 132, 132);  
box-shadow:4px 4px 4px 4px rgb(68, 132,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8000, 19.3974, 24.7938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 132, 132) }
```

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

```
.background{ background-color: rgb(68, 132,  
132) }
```

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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