

Converting Colors

XYZ(14.0027, 19.1039, 19.4727)

Have a look what the booklet for
XYZ(14.0027, 19.1039, 19.4727)
contains.

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Color

**XYZ(14.0022, 19.1031,
19.4723)**

Conversions

Conversions Part 1

Format	Color
Hex	478474
RGB	71, 132, 116
RGB Percent	28%, 52%, 45%
CMY	0.7216, 0.4823, 0.5451
CMYK	0.46, 0.00, 0.12, 0.48
HSL	164°, 30%, 40%
HSV	164°, 46%, 52%
XYZ	14.0022, 19.1031, 19.4723
YIQ	111.9370, -31.2200, -17.9080

Conversions

Conversions Part 2

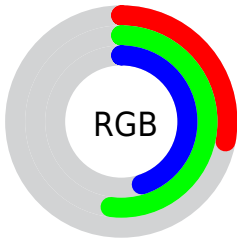
Format	Color
RYB	71, 106, 132
Decimal	4686964
CIELab	50.81, -23.89, 2.50
CIElCh	51, 24.023, 174.015
Yxy	19.1031, 0.2663, 0.3633
Android (android.graphics.Color)	4282877044 (0xFF478474)
YUV	111.9370, 2.0031, -35.9017
Hunter-Lab	43.7071, -19.3024, 4.1802

Details

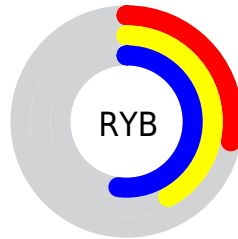
The XYZ color **14.0022, 19.1031, 19.4723** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.4899, 10.1006, 10.2562**, and the grayscale version is **15.3839, 16.1851, 17.6256**.

A 20% lighter version of the original color is **32.5852, 41.7360, 43.3842**, and **4.2744, 6.5621, 6.5102** is the 20% darker color. If you saturate the color by 10%, you get **12.9397, 18.5787, 18.3910**, and if you desaturate by 10%, it is **15.2836, 19.7405, 20.6039**.

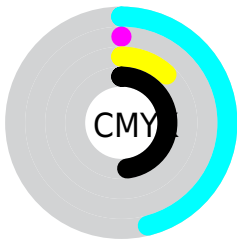
Distribution



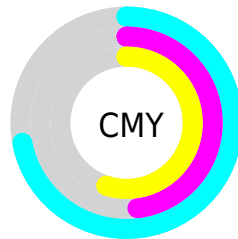
- Red (28%)
- Green (52%)
- Blue (45%)



- Red (28%)
- Yellow (42%)
- Blue (52%)



- Cyan (46%)
- Magenta (0%)
- Yellow (12%)
- Black (48%)



- Cyan (72%)
- Magenta (48%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0022, 19.1031, 19.4723 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 14.0022, 19.1031, 19.4723 by changing the saturation by 10% instead.

■ 14.0022, 19.1031,
19.4723

■ 14.0022, 19.1031,
19.4723

210.7549,
247.0173, 261.5529

■ 8.2039, 11.7448,
11.8318

■ 32.6792, 41.9082,
43.3779

■ 4.2786, 6.5702,
6.5081

■ 46.2885, 58.1239,
60.4802

■ 1.8609, 3.1948,
3.0827

■ 63.2323, 78.0607,
81.5733

■ 0.5540, 1.2342,
1.1370

■ 83.8759, 102.1032,
107.0761

■ 0.0000, 0.0894,
0.0000

■ 108.5846,
130.6357, 137.4068

■ 0.0000, 0.0000,
0.0000

137.7237,

164.0427, 172.9842

171.6587,
202.7084, 214.2267

■ 14.0022, 19.1031,
19.4723

■ 14.0022, 19.1031,
19.4723

■ 12.9397, 18.5787,
18.3910

■ 15.2836, 19.7405,
20.6039

■ 12.0807, 18.1579,
17.3575

■ 16.7949, 20.4950,
21.7855

■ 11.4103, 17.8334,
16.3713


■ 18.5483, 21.3734,
23.0184


■ 10.9106, 17.5961,
15.4309


■ 20.5547, 22.3814,
24.3036


■ 10.5514, 17.4304,
14.5346


■ 22.8241, 23.5240,
25.6419

 10.4269, 17.3733,
14.2053

 25.3661, 24.8063,
27.0343

 28.1900, 26.2330,
28.4813

 31.3043, 27.8084,
29.9840

 34.7174, 29.5369,
31.5430

Harmonies

Analogous

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



14.7226, 19.1031, 14.0521



14.0022, 19.1031, 19.4723



14.3144, 19.1031, 26.5585

Triad

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



14.0022, 19.1031, 19.4723



20.0697, 19.1031, 35.0959



20.9599, 19.1031, 11.9467

Complementary

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



14.0022, 19.1031, 19.4723



13.4899, 10.1006, 10.2562

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.



22.6320, 19.1031, 15.9406



14.0022, 19.1031, 19.4723



22.0876, 19.1031, 29.4221

Square

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



14.0022, 19.1031, 19.4723



17.6872, 19.1031, 36.6132



23.0616, 19.1031, 22.1868



18.6349, 19.1031, 10.3561

Rectangle

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



14.0022, 19.1031, 19.4723



15.0811, 19.1031, 31.2163



23.0616, 19.1031, 22.1868



21.6248, 19.1031, 13.0045

Sweetspot

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



14.0027, 19.1039, 19.4727



33.3078, 37.9670, 40.9680



13.3446, 18.9974, 8.9251



7.6085, 8.7661, 9.4410



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.



14.0027, 19.1039, 19.4727



22.7896, 32.7237, 32.3913



13.2150, 15.9082, 24.2048



4.7509, 5.2586, 5.6992



10.0977, 16.8219, 13.7656



0.0380, 0.0595, 0.0635

Inverse Universe

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



13.4899, 10.1006, 10.2562



21.7827, 14.8825, 14.1735



13.9206, 11.8948, 7.5238



4.7190, 4.7073, 5.1328



9.5040, 4.8659, 1.9603



0.0356, 0.0179, 0.0208

Previews

White Background



This preview shows how the XYZ color 14.0022, 19.1031, 19.4723 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 14.0022, 19.1031, 19.4723 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 14.0022, 19.1031, 19.4723

Background



This preview shows how black text looks on a background with the XYZ color 14.0022, 19.1031, 19.4723.

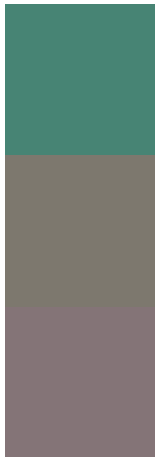


This preview shows how white text looks on a background with the XYZ color 14.0022, 19.1031,

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

14.0022, 19.1031, 19.4723

Protanopia

17.9884, 18.9187, 17.4554

Deuteranopia

19.0909, 18.7282, 20.0615



Tritanopia

15.5710, 19.1424, 27.3003

Trichromacy



Original Color

14.0022, 19.1031, 19.4723

Protanomaly

15.9580, 18.5884, 18.0761

Deuteranomaly

16.6600, 18.5421, 19.8404

Tritanomaly

14.9810, 19.0998, 24.3698

Monochromacy



Original Color

14.0022, 19.1031, 19.4723

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.5072, 16.9273, 18.1255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0022, 19.1031, 19.4723 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(71, 132, 116)` looks like.

```
.text, #text, p{  
    color:rgb(71, 132, 116)  
}
```

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(71, 132, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 132, 116) }
```

Border

The CSS property to change the border of an element to XYZ 14.0022, 19.1031, 19.4723 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(71, 132, 116) }
```


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

```
.border{ border-color:rgb(71, 132, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 132, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 132, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 132, 116);  
box-shadow:4px 4px 4px 4px rgb(71, 132,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0022, 19.1031, 19.4723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 132, 116) }
```

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

```
.background{ background-color: rgb(71, 132,  
116) }
```

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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