

Converting Colors

XYZ(14.3699, 19.1222, 21.2038)

Have a look what the booklet for
XYZ(14.3699, 19.1222, 21.2038)
contains.

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Color

**XYZ(14.3768, 19.0542,
21.3324)**

Conversions

Conversions Part 1

Format	Color
Hex	49837A
RGB	73, 131, 122
RGB Percent	29%, 51%, 48%
CMY	0.7137, 0.4863, 0.5216
CMYK	0.44, 0.00, 0.07, 0.49
HSL	171°, 28%, 40%
HSV	171°, 44%, 51%
XYZ	14.3768, 19.0542, 21.3324
YIQ	112.6320, -31.6790, -15.0950

Conversions

Conversions Part 2

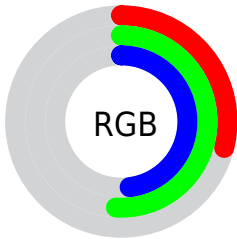
Format	Color
R_{YB}	73, 104, 131
Decimal	4817786
CIE _{Lab}	50.75, -21.31, -1.07
CIE _{LCh}	51, 21.339, 182.882
Yxy	19.0542, 0.2625, 0.3479
Android (android.graphics.Color)	4283007866 (0xFF49837A)
YUV	112.6320, 4.6184, -34.7573
Hunter-Lab	43.6511, -17.5992, 1.5806

Details

The XYZ color **14.3768, 19.0542, 21.3324** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.2663, 10.2001, 9.2530**, and the grayscale version is **15.5810, 16.3925, 17.8514**.

A 20% lighter version of the original color is **33.2379, 41.6969, 46.3409**, and **4.4136, 6.5043, 7.3262** is the 20% darker color. If you saturate the color by 10%, you get **13.3624, 18.5461, 20.6345**, and if you desaturate by 10%, it is **15.6041, 19.6726, 22.0548**.

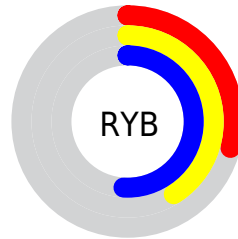
Distribution



Red (29%)

Green (51%)

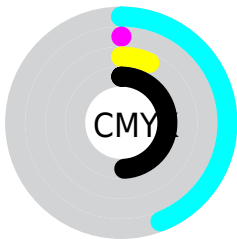
Blue (48%)



Red (29%)

Yellow (41%)

Blue (51%)

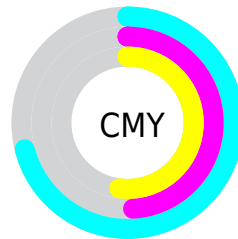


Cyan (44%)

Magenta (0%)

Yellow (7%)

Black (49%)



Cyan (71%)

Magenta (49%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3768, 19.0542, 21.3324 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 14.3768, 19.0542, 21.3324 by changing the saturation by 10% instead.

■ 14.3768, 19.0542,
21.3324

■ 14.3768, 19.0542,
21.3324

213.0265,
246.7478, 271.8786

■ 8.4667, 11.7094,
13.1736

■ 33.3368, 41.8257,
46.5280

■ 4.4493, 6.5462,
7.4161

■ 47.1174, 58.0212,
64.4019

■ 1.9593, 3.1799,
3.6413

■ 64.2522, 77.9357,
86.3513

■ 0.6110, 1.2264,
1.4307

■ 85.1066, 101.9537,
112.7946

■ 0.0000, 0.0831,
0.1655

■ 110.0458,
130.4595, 144.1505

■ 0.0000, 0.0000,
0.0000

139.4353,

163.8375, 180.8374

173.6404,
202.4722, 223.2739

■ 14.3768, 19.0542,
21.3324

■ 14.3768, 19.0542,
21.3324

■ 13.3624, 18.5461,
20.6345

■ 15.6041, 19.6726,
22.0548

■ 12.5459, 18.1393,
19.9592

■ 17.0546, 20.4054,
22.8011

■ 11.9132, 17.8269,
19.3060


■ 18.7402, 21.2590,
23.5724


■ 11.4473, 17.6003,
18.6742


■ 20.6713, 22.2389,
24.3691


■ 11.1260, 17.4478,
18.0625


■ 22.8576, 23.3501,
25.1919

 10.9678, 17.3737,
17.7195

 25.3085, 24.5973,
26.0412

 28.0327, 25.9851,
26.9175

 31.0385, 27.5178,
27.8214

 34.3342, 29.1995,
28.7532

Harmonies

Analogous

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



14.7555, 19.0542, 15.9185



14.3768, 19.0542, 21.3324



14.9329, 19.0542, 27.6638

Triad

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



14.3768, 19.0542, 21.3324



20.3873, 19.0542, 32.0254



20.0100, 19.0542, 12.0772

Complementary

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



14.3768, 19.0542, 21.3324



13.2663, 10.2001, 9.2530

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.



21.7095, 19.0542, 15.0911



14.3768, 19.0542, 21.3324



21.9389, 19.0542, 26.4642

Square

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



14.3768, 19.0542, 21.3324



18.3138, 19.0542, 34.5383



22.4403, 19.0542, 20.1720



17.9086, 19.0542, 11.2238

Rectangle

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



14.3768, 19.0542, 21.3324



15.7860, 19.0542, 31.3763



22.4403, 19.0542, 20.1720



20.6525, 19.0542, 12.8382

Sweetspot

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



14.3773, 19.0550, 21.3328



33.8757, 38.2298, 42.3485



12.8574, 18.5383, 9.2043



7.7403, 8.8264, 9.7960



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.



14.3773, 19.0550, 21.3328



23.9367, 33.2151, 36.9569



12.6024, 14.5707, 23.6218



4.7714, 5.2668, 5.8074



10.7965, 17.1015, 17.4456



0.0395, 0.0601, 0.0714

Inverse Universe

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



13.2663, 10.2001, 9.2530



21.6888, 15.2369, 12.4707



14.4194, 13.0191, 8.0567



4.6999, 4.6996, 5.0319



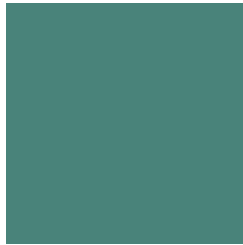
9.3415, 4.8009, 1.1047



0.0341, 0.0173, 0.0129

Previews

White Background



This preview shows how the XYZ color 14.3768, 19.0542, 21.3324 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 14.3768, 19.0542, 21.3324 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 14.3768, 19.0542, 21.3324

Background



This preview shows how black text looks on a background with the XYZ color 14.3768, 19.0542, 21.3324.



This preview shows how white text looks on a background with the XYZ color 14.3768, 19.0542,

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

14.3768, 19.0542, 21.3324

Protanopia

18.0372, 18.9048, 19.2213

Deuteranopia

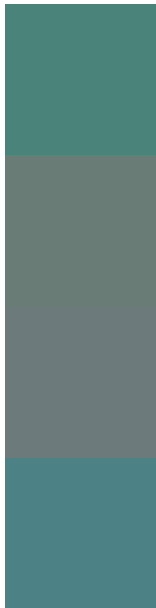
19.2689, 18.9491, 22.0440



Tritanopia

15.6523, 19.1843, 27.3041

Trichromacy



Original Color

14.3768, 19.0542, 21.3324

Protanomaly

16.3034, 18.7266, 19.8949

Deuteranomaly

16.9043, 18.6255, 21.7729

Tritanomaly

15.1968, 19.1952, 25.0944

Monochromacy



Original Color

14.3768, 19.0542, 21.3324

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

14.9059, 17.2906, 19.0748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3768, 19.0542, 21.3324 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(73, 131, 122)` looks like.

```
.text, #text, p{  
    color:rgb(73, 131, 122)  
}
```

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(73, 131, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 131, 122) }
```

Border

The CSS property to change the border of an element to XYZ 14.3768, 19.0542, 21.3324 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(73, 131, 122) }
```


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

```
.border{ border-color:rgb(73, 131, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 131, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 131, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 131, 122);  
box-shadow:4px 4px 4px 4px rgb(73, 131,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3768, 19.0542, 21.3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 131, 122) }
```

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

```
.background{ background-color: rgb(73, 131,  
122) }
```

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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