

Converting Colors

XYZ(61.0804, 71.6502, 64.0474)

Have a look what the booklet for
XYZ(61.0804, 71.6502, 64.0474)
contains.

XYZ(60.9624, 71.4343, 64.0012)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.9624, 71.4343,
64.0012)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E4C6
RGB	197, 228, 198
RGB Percent	77%, 89%, 78%
CMY	0.2274, 0.1059, 0.2235
CMYK	0.14, 0.00, 0.13, 0.11
HSL	122°, 36%, 83%
HSV	122°, 14%, 89%
XYZ	60.9624, 71.4343, 64.0012
YIQ	215.3110, -8.8460, -15.9020

Conversions

Conversions Part 2

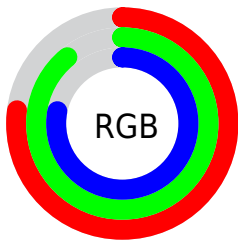
Format	Color
RYB	197, 227, 228
Decimal	12969158
CIELab	87.70, -15.76, 11.25
CIELCh	88, 19.367, 144.487
Yxy	71.4343, 0.3104, 0.3637
Android (android.graphics.Color)	4291159238 (0xFFC5E4C6)
YUV	215.3110, -8.5343, -16.0587
Hunter-Lab	84.5188, -19.1580, 14.2663

Details

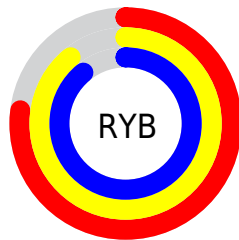
The XYZ color **60.9624, 71.4343, 64.0012** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.8288, 61.9743, 81.1691**, and the grayscale version is **64.8640, 68.2420, 74.3155**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **31.3053, 37.7404, 32.0202** is the 20% darker color. If you saturate the color by 10%, you get **53.0754, 67.6434, 51.3007**, and if you desaturate by 10%, it is **70.1271, 75.8451, 78.6999**.

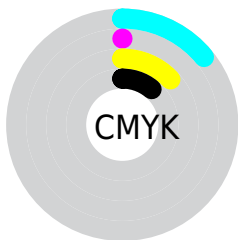
Distribution



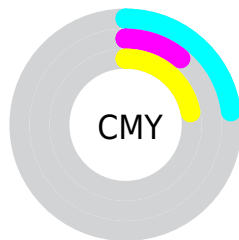
- Red (77%)
- Green (89%)
- Blue (78%)



- Red (77%)
- Yellow (89%)
- Blue (89%)



- Cyan (14%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)



- Cyan (23%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9624, 71.4343, 64.0012 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 60.9624, 71.4343, 64.0012 by changing the saturation by 10% instead.

60.9624, 71.4343,
64.0012

60.9624, 71.4343,
64.0012

417.9142,
465.5702, 457.4016

44.4472, 52.6967,
46.2055

105.3229,
121.2519, 112.2121

31.2217, 37.5607,
32.0581

133.8990,
153.1007, 143.4644

20.9204, 25.6419,
21.1407

167.2261,
190.0887, 180.0393

13.1779, 16.5559,
13.0347

205.6695,
232.6003, 222.3553

7.6290, 9.9184,
7.3214

249.5947,
281.0198, 270.8310

3.9083, 5.3449,
3.5824

299.3670,

1.6504, 2.4510,

335.7317, 325.8849

1.3992

355.3517,
397.1204, 387.9356

■ 0.4249, 0.8519,
0.1411

■ 0.0000, 0.0000,
0.0000

■ 60.9624, 71.4343,
64.0012

■ 60.9624, 71.4343,
64.0012

■ 53.0754, 67.6434,
51.3007

■ 70.1271, 75.8451,
78.6999

■ 46.4038, 64.4361,
40.5077

■ 80.6166, 80.8923,
95.4728

■ 40.8890, 61.7861,
31.5315

■ 87.0348, 83.9695,
106.2283

■ 36.4653, 59.6616,
24.2724

■ 33.0601, 58.0277,
18.6207

■ 30.5922, 56.8452,
14.4544

■ 28.9682, 56.0687,
11.6341

■ 28.0752, 55.6437,
9.9938

■ 27.7851, 55.5057,
9.4605

Harmonies

Analogous

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



64.3033, 71.4343, 56.9696



60.9624, 71.4343, 64.0012



59.4845, 71.4343, 75.3764

Triad

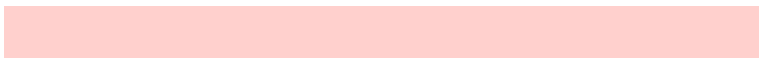
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.9624, 71.4343, 64.0012



67.0517, 71.4343, 105.7502



76.2492, 71.4343, 67.7664

Complementary

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



60.9624, 71.4343, 64.0012



65.8288, 61.9743, 81.1691

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.



77.0657, 71.4343, 80.2337



60.9624, 71.4343, 64.0012



71.6205, 71.4343, 103.1256

Square

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



60.9624, 71.4343, 64.0012



62.8972, 71.4343, 100.2223



75.3367, 71.4343, 93.4063



73.1532, 71.4343, 58.9658

Rectangle

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



60.9624, 71.4343, 64.0012



59.7043, 71.4343, 84.2758



75.3367, 71.4343, 93.4063



76.8050, 71.4343, 71.6265

Sweetspot

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



60.9643, 71.4373, 64.0028



89.8476, 97.4970, 100.5729



69.6558, 75.9312, 63.8091



19.0283, 20.7708, 21.2019



0.0000, 0.0000, 0.0000



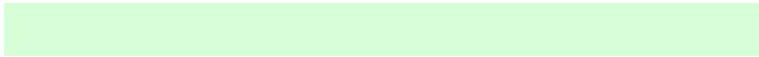
20.3446, 21.4041, 23.3091

Same Dimension

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



60.9643, 71.4373, 64.0028



75.8822, 90.7791, 78.1611



62.7839, 72.1652, 73.5843



14.2081, 16.0967, 15.3605



16.0516, 32.0528, 5.5062



1.1928, 2.3713, 0.4421

Inverse Universe

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



65.8288, 61.9743, 81.1691



83.1760, 76.5899, 103.9000



63.8450, 61.1807, 70.7225



14.9740, 14.6068, 18.0633



25.9928, 12.5313, 40.4526



1.9271, 0.9286, 3.0228

Previews

White Background



This preview shows how the XYZ color 60.9624, 71.4343, 64.0012 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 60.9624, 71.4343, 64.0012 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

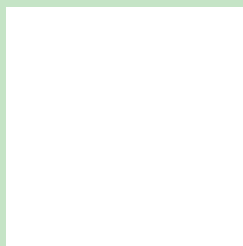
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.9624, 71.4343, 64.0012

Background



This preview shows how black text looks on a background with the XYZ color 60.9624, 71.4343, 64.0012.

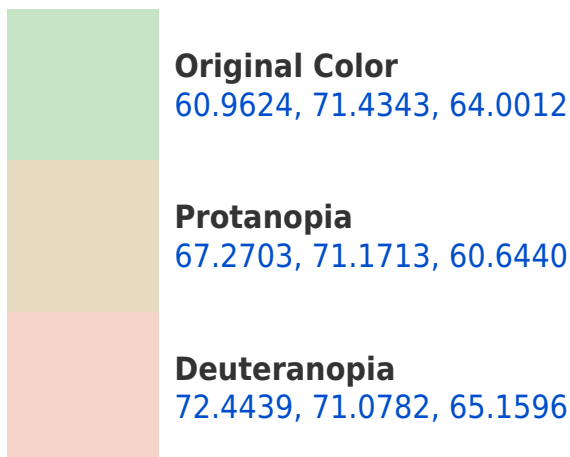


This preview shows how white text looks on a background with the XYZ color 60.9624, 71.4343,

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

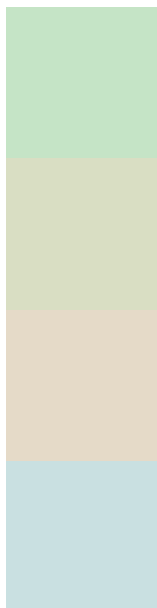




Tritanopia

66.7513, 71.3712, 92.6959

Trichromacy



Original Color

60.9624, 71.4343, 64.0012

Protanomaly

64.5869, 70.9344, 61.9174

Deuteranomaly

67.8098, 70.9710, 64.7684

Tritanomaly

64.3337, 71.1651, 81.5796

Monochromacy



Original Color

60.9624, 71.4343, 64.0012

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.1142, 69.1997, 70.3520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9624, 71.4343, 64.0012 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(197, 228, 198)` looks like.

```
.text, #text, p{  
    color:rgb(197, 228, 198)  
}
```

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(197, 228, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 228, 198) }
```

Border

The CSS property to change the border of an element to XYZ 60.9624, 71.4343, 64.0012 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(197, 228, 198) }
```


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

```
.border{ border-color:rgb(197, 228, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 228, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 228, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 228, 198);  
box-shadow:4px 4px 4px 4px rgb(197, 228,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9624, 71.4343, 64.0012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 228, 198) }
```

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

```
.background{ background-color: rgb(197,  
228, 198) }
```

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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