

Converting Colors

XYZ(60.9653, 72.5996, 51.5307)

Have a look what the booklet for
XYZ(60.9653, 72.5996, 51.5307)
contains.

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Color

**XYZ(60.9365, 72.5261,
51.3447)**

Conversions

Conversions Part 1

Format	Color
Hex	CCE6AF
RGB	204, 230, 175
RGB Percent	80%, 90%, 69%
CMY	0.2000, 0.0980, 0.3137
CMYK	0.11, 0.00, 0.24, 0.10
HSL	88°, 52%, 79%
HSV	88°, 24%, 90%
XYZ	60.9365, 72.5261, 51.3447
YIQ	215.9560, 2.1590, -22.6170

Conversions

Conversions Part 2

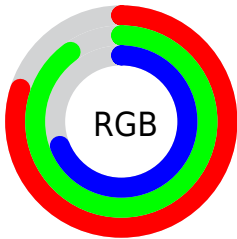
Format	Color
RYB	175, 230, 201
Decimal	13428399
CIELab	88.22, -18.09, 24.02
CIELCh	88, 30.071, 126.986
Yxy	72.5261, 0.3297, 0.3924
Android (android.graphics.Color)	4291618479 (0xFFCCE6AF)
YUV	215.9560, -20.1913, -10.4854
Hunter-Lab	85.1623, -21.3111, 23.8674

Details

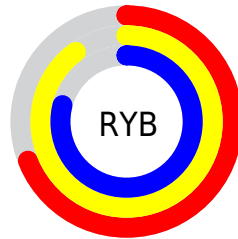
The XYZ color **60.9365, 72.5261, 51.3447** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **53.7032, 48.7926, 81.4542**, and the grayscale version is **65.3741, 68.7786, 74.8999**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **31.0433, 38.0668, 24.1238** is the 20% darker color. If you saturate the color by 10%, you get **55.9905, 70.2177, 40.3088**, and if you desaturate by 10%, it is **66.4793, 75.1020, 64.4200**.

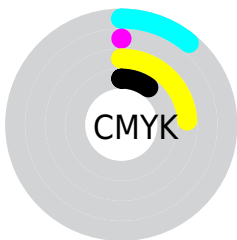
Distribution



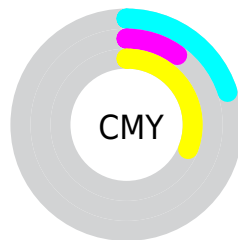
- Red (80%)
- Green (90%)
- Blue (69%)



- Red (69%)
- Yellow (90%)
- Blue (79%)



- Cyan (11%)
- Magenta (0%)
- Yellow (24%)
- Black (10%)



- Cyan (20%)
- Magenta (10%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9365, 72.5261, 51.3447 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 60.9365, 72.5261, 51.3447 by changing the saturation by 10% instead.

60.9365, 72.5261,
51.3447

60.9365, 72.5261,
51.3447

417.8208,
469.3707, 408.7863

44.4263, 53.5886,
36.1044

105.2856,
122.8042, 93.5808

31.2051, 38.2728,
24.2245

133.8552,
154.9136, 121.4137

20.9077, 26.1945,
15.2865

167.1753,
192.1823, 154.2811

13.1686, 16.9692,
8.8718

205.6113,
234.9948, 192.6017

7.6226, 10.2125,
4.5620

249.5284,
283.7355, 236.7940

3.9042, 5.5401,
1.9385


299.2922,

1.6481, 2.5675,


338.7888, 287.2765


0.5170

355.2678,
400.5391, 344.4677


 0.4234, 0.9104,
0.0000


 0.0000, 0.0000,
0.0000


 60.9365, 72.5261,
51.3447


 60.9365, 72.5261,
51.3447


 55.9905, 70.2177,
40.3088

 66.4793, 75.1020,
64.4200


 51.6118, 68.1574,
31.2047

 72.6353, 77.9454,
79.6255

 47.7769, 66.3376,
23.9221

 79.4274, 81.0682,
97.0523

 44.4577, 64.7467,
18.3378

 84.8818, 83.6813,
106.2861

■ 41.6235, 63.3717,
14.3131

■ 87.5883, 85.0766,
106.4128

■ 39.2388, 62.1981,
11.6875

■ 37.2617, 61.2082,
10.2659

■ 36.2203, 60.6805,
9.8035

Harmonies

Analogous

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



67.2639, 72.5261, 45.7916



60.9365, 72.5261, 51.3447



56.9614, 72.5261, 64.4606

Triad

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



60.9365, 72.5261, 51.3447



63.6621, 72.5261, 121.3681



83.6075, 72.5261, 74.2443

Complementary

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



60.9365, 72.5261, 51.3447



53.7032, 48.7926, 81.4542

Split Complementary

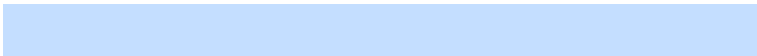
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.4764, 72.5261, 95.5049



60.9365, 72.5261, 51.3447



70.6312, 72.5261, 125.2186

Square

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



60.9365, 72.5261, 51.3447



58.4568, 72.5261, 105.3021



77.6021, 72.5261, 115.0591



80.5934, 72.5261, 57.4378

Rectangle

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



60.9365, 72.5261, 51.3447



56.0133, 72.5261, 76.9021



77.6021, 72.5261, 115.0591



83.7026, 72.5261, 81.0718

Sweetspot

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



60.9384, 72.5293, 51.3463



89.2711, 97.3376, 94.3187



61.1827, 61.5388, 49.2120



19.0050, 20.7869, 19.9328



0.0000, 0.0000, 0.0000



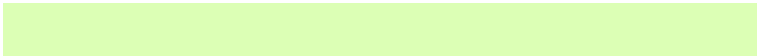
20.3446, 21.4041, 23.3091

Same Dimension

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



60.9384, 72.5293, 51.3463



73.6323, 90.0798, 57.2493



54.1304, 69.0196, 51.0277



14.9110, 16.4612, 15.2959



20.6473, 34.4256, 5.5566



1.6329, 2.5991, 0.4156

Inverse Universe

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



53.7032, 48.7926, 81.4542



62.9066, 54.8889, 101.8868



61.6635, 52.8963, 81.8268



14.2276, 14.2196, 18.1391



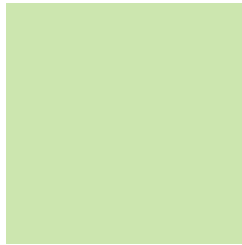
11.7775, 5.1374, 42.7540



0.9769, 0.4346, 3.1644

Previews

White Background



This preview shows how the XYZ color 60.9365, 72.5261, 51.3447 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 60.9365, 72.5261, 51.3447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

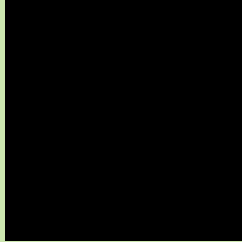
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.9365, 72.5261, 51.3447

Background



This preview shows how black text looks on a background with the XYZ color 60.9365, 72.5261, 51.3447.

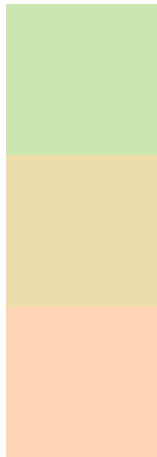


This preview shows how white text looks on a background with the XYZ color 60.9365, 72.5261,

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

60.9365, 72.5261, 51.3447

Protanopia

67.7992, 72.4860, 48.9459

Deuteranopia

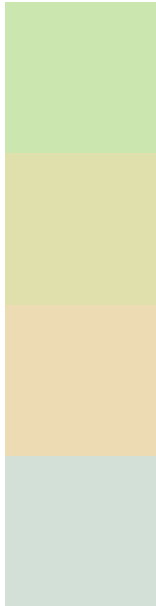
73.3747, 72.1847, 53.7818



Tritanopia

68.8770, 72.0910, 91.9461

Trichromacy



Original Color

60.9365, 72.5261, 51.3447

Protanomaly

64.8425, 72.1372, 49.5360

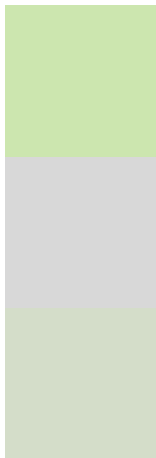
Deuteranomaly

68.0603, 71.7506, 52.9099

Tritanomaly

65.6287, 71.9708, 75.3985

Monochromacy



Original Color

60.9365, 72.5261, 51.3447

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.5504, 69.9270, 65.4061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9365, 72.5261, 51.3447 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(204, 230, 175)` looks like.

```
.text, #text, p{  
    color:rgb(204, 230, 175)  
}
```

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(204, 230, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 230, 175) }
```

Border

The CSS property to change the border of an element to XYZ 60.9365, 72.5261, 51.3447 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(204, 230, 175) }
```


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

```
.border{ border-color:rgb(204, 230, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 230, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 230, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 230, 175);  
box-shadow:4px 4px 4px 4px rgb(204, 230,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9365, 72.5261, 51.3447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 230, 175) }
```

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

```
.background{ background-color: rgb(204,  
230, 175) }
```

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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