

Converting Colors

XYZ(60.1204, 73.3473, 52.0137)

Have a look what the booklet for
XYZ(60.1204, 73.3473, 52.0137)
contains.

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Color

**XYZ(60.0013, 73.2827,
52.0569)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E9B0
RGB	197, 233, 176
RGB Percent	77%, 91%, 69%
CMY	0.2274, 0.0863, 0.3098
CMYK	0.15, 0.00, 0.24, 0.09
HSL	98°, 56%, 80%
HSV	98°, 24%, 91%
XYZ	60.0013, 73.2827, 52.0569
YIQ	215.7380, -3.1590, -25.3590

Conversions

Conversions Part 2

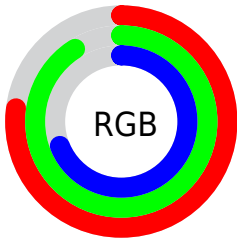
Format	Color
RYB	176, 233, 212
Decimal	12970416
CIELab	88.58, -21.86, 23.93
CIELCh	89, 32.412, 132.422
Yxy	73.2827, 0.3237, 0.3954
Android (android.graphics.Color)	4291160496 (0xFFC5E9B0)
YUV	215.7380, -19.5908, -16.4332
Hunter-Lab	85.6053, -24.6975, 23.8693

Details

The XYZ color **60.0013, 73.2827, 52.0569** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **57.3878, 50.9330, 83.9011**, and the grayscale version is **65.2242, 68.6209, 74.7282**.

A 20% lighter version of the original color is **91.1985, 98.4170, 90.5336**, and **30.6250, 38.7140, 24.5973** is the 20% darker color. If you saturate the color by 10%, you get **54.2240, 70.5505, 40.7676**, and if you desaturate by 10%, it is **66.5545, 76.3735, 65.4510**.

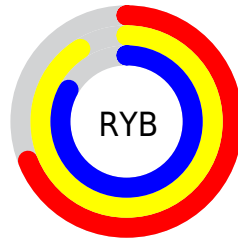
Distribution



Red (77%)

Green (91%)

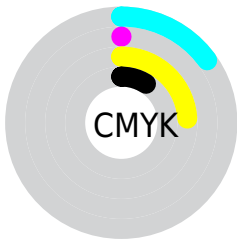
Blue (69%)



Red (69%)

Yellow (91%)

Blue (83%)

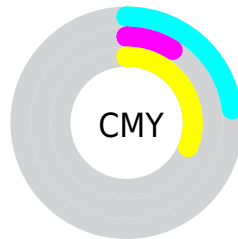


Cyan (15%)

Magenta (0%)

Yellow (24%)

Black (9%)



Cyan (23%)

Magenta (9%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0013, 73.2827, 52.0569 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 60.0013, 73.2827, 52.0569 by changing the saturation by 10% instead.


 60.0013, 73.2827,
52.0569

 60.0013, 73.2827,
52.0569

414.4372,
471.9940, 411.6194

 43.6691, 54.2072,
36.6679


 103.9379,
123.8785, 94.6426

 30.6073, 38.7673,
24.6567


132.2730,
156.1675, 122.6763

 20.4503, 26.5788,
15.6048


165.3399,
193.6297, 155.7621

 12.8330, 17.2571,
9.0936

203.5038,
236.6497, 194.3183

 7.3898, 10.4180,
4.7046

247.1301,
285.6117, 238.7636

 3.7556, 5.6770,
2.0193


296.5843,

 1.5648, 2.6497,


340.9001, 289.5166

0.5671


352.2315,
402.8995, 346.9957


 0.3693, 0.9517,
0.0000


 0.0000, 0.0000,
0.0000


 60.0013, 73.2827,
52.0569


 60.0013, 73.2827,
52.0569


 54.2240, 70.5505,
40.7676


 66.5545, 76.3735,
65.4510


 49.1858, 68.1538,
31.4716

 73.9069, 79.8263,
81.0446

 44.8556, 66.0811,
24.0539

 82.0878, 83.6563,
98.9321

 41.1971, 64.3168,
18.3863

 88.4304, 86.7608,
106.6935

■ 38.1707, 62.8434,
14.3241

■ 35.7314, 61.6414,
11.6998

■ 33.8265, 60.6882,
10.3085

■ 32.9628, 60.2513,
9.8924

Harmonies

Analogous

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



66.4708, 73.2827, 44.7157



60.0013, 73.2827, 52.0569



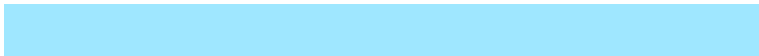
56.2893, 73.2827, 67.4902

Triad

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



60.0013, 73.2827, 52.0569



65.2134, 73.2827, 128.2432



85.3803, 73.2827, 70.8896

Complementary

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



60.0013, 73.2827, 52.0569



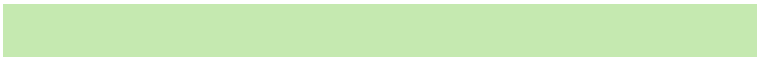
57.3878, 50.9330, 83.9011

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.



84.9802, 73.2827, 93.5056



60.0013, 73.2827, 52.0569



72.9352, 73.2827, 129.6227

Square

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



60.0013, 73.2827, 52.0569



59.1402, 73.2827, 112.4814



80.2879, 73.2827, 115.9577



81.3432, 73.2827, 54.1430

Rectangle

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



60.0013, 73.2827, 52.0569



55.6944, 73.2827, 81.6247



80.2879, 73.2827, 115.9577



85.7683, 73.2827, 77.9877

Sweetspot

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



60.0032, 73.2859, 52.0585



88.2810, 96.8272, 94.2723



64.7752, 67.1243, 50.6177



18.7759, 20.6687, 19.9221



0.0000, 0.0000, 0.0000



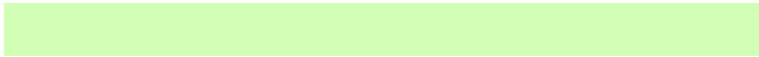
20.3446, 21.4041, 23.3091

Same Dimension

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



60.0032, 73.2859, 52.0585



70.2001, 88.3104, 57.0886



55.5565, 70.9156, 55.3703



15.3924, 17.1323, 16.0143



18.8279, 34.2506, 5.6187



1.5813, 2.7425, 0.4460

Inverse Universe

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



57.3878, 50.9330, 83.9011



66.5024, 56.7426, 102.0551



62.9080, 53.8865, 79.2926



15.1457, 15.0204, 19.0232



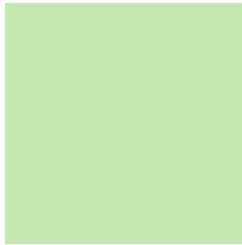
15.3314, 6.9396, 44.2744



1.3092, 0.5992, 3.4815

Previews

White Background



This preview shows how the XYZ color 60.0013, 73.2827, 52.0569 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 60.0013, 73.2827, 52.0569 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 60.0013, 73.2827, 52.0569

Background



This preview shows how black text looks on a background with the XYZ color 60.0013, 73.2827, 52.0569.

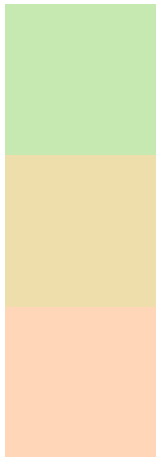


This preview shows how white text looks on a background with the XYZ color 60.0013, 73.2827,

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

60.0013, 73.2827, 52.0569

Protanopia

68.3970, 73.1874, 49.0497

Deuteranopia

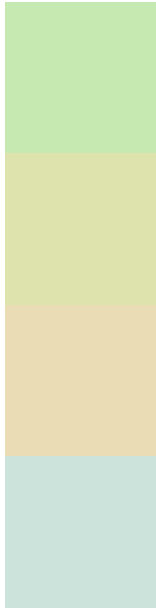
73.9383, 72.8138, 55.5049



Tritanopia

68.4148, 72.9875, 94.4866

Trichromacy



Original Color

60.0013, 73.2827, 52.0569

Protanomaly

64.8634, 72.9394, 50.1952

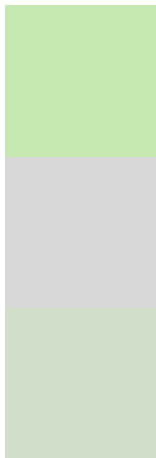
Deuteranomaly

68.1286, 72.5415, 54.1272

Tritanomaly

64.7526, 72.6966, 76.9487

Monochromacy



Original Color

60.0013, 73.2827, 52.0569

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

62.9584, 70.0149, 65.4543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0013, 73.2827, 52.0569 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, 233, 176)` looks like.

```
.text, #text, p{  
    color:rgb(197, 233, 176)  
}
```

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, 233, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 233, 176) }
```

Border

The CSS property to change the border of an element to XYZ 60.0013, 73.2827, 52.0569 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, 233, 176) }
```


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

```
.border{ border-color:rgb(197, 233, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 233, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 233, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 233, 176);  
box-shadow:4px 4px 4px 4px rgb(197, 233,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0013, 73.2827, 52.0569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 233, 176) }
```

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

```
.background{ background-color: rgb(197,  
233, 176) }
```

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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