

Converting Colors

XYZ(57.5510, 69.2395, 62.0745)

Have a look what the booklet for
XYZ(57.5510, 69.2395, 62.0745)
contains.

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Color

**XYZ(57.5691, 69.3174,
61.9751)**

Conversions

Conversions Part 1

Format	Color
Hex	BAE3C3
RGB	186, 227, 195
RGB Percent	73%, 89%, 76%
CMY	0.2706, 0.1098, 0.2353
CMYK	0.18, 0.00, 0.14, 0.11
HSL	133°, 42%, 81%
HSV	133°, 18%, 89%
XYZ	57.5691, 69.3174, 61.9751
YIQ	211.0930, -14.1640, -18.6440

Conversions

Conversions Part 2

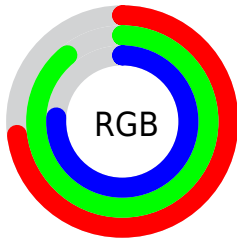
Format	Color
R _{YB}	186, 220, 227
Decimal	12248003
CIE Lab	86.66, -19.46, 11.25
CIE LCh	87, 22.479, 149.958
Yxy	69.3174, 0.3048, 0.3670
Android (android.graphics.Color)	4290438083 (0xFFBAE3C3)
YUV	211.0930, -7.9338, -22.0066
Hunter-Lab	83.2571, -22.2739, 14.1455

Details

The XYZ color **57.5691, 69.3174, 61.9751** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.8948, 56.5123, 73.9786**, and the grayscale version is **62.0374, 65.2681, 71.0770**.

A 20% lighter version of the original color is **89.9486, 97.4255, 106.1597**, and **29.0760, 36.3337, 30.6799** is the 20% darker color. If you saturate the color by 10%, you get **50.6005, 65.9448, 51.8053**, and if you desaturate by 10%, it is **65.6553, 73.2426, 73.4411**.

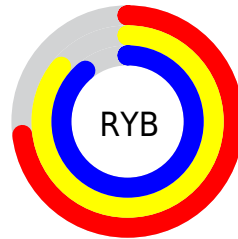
Distribution



Red (73%)

Green (89%)

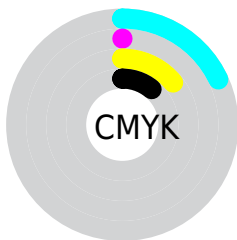
Blue (76%)



Red (73%)

Yellow (86%)

Blue (89%)

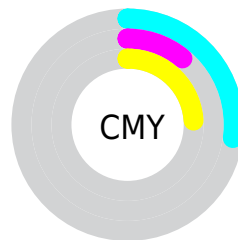


Cyan (18%)

Magenta (0%)

Yellow (14%)

Black (11%)



Cyan (27%)

Magenta (11%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5691, 69.3174, 61.9751 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 57.5691, 69.3174, 61.9751 by changing the saturation by 10% instead.

■ 57.5691, 69.3174,
61.9751

■ 57.5691, 69.3174,
61.9751

405.5582,
458.1496, 449.8454

■ 41.7042, 50.9702,
44.5769

■ 100.4217,
118.2348, 109.2608

■ 29.0599, 36.1849,
30.7838

128.1401,
149.5738, 139.9854

■ 19.2706, 24.5771,
20.1772

160.5405,
186.0123, 175.9892

■ 11.9712, 15.7622,
12.3386

197.9881,
227.9346, 217.6908

■ 6.7961, 9.3561,
6.8494

240.8483,
275.7250, 265.5086

■ 3.3801, 4.9741,
3.2910

289.4865,

■ 1.3578, 2.2321,

329.7681, 319.8613

1.2451

344.2680,
390.4482, 381.1674

■ 0.2259, 0.7374,
0.0162

■ 0.0000, 0.0000,
0.0000

■ 57.5691, 69.3174,
61.9751

■ 57.5691, 69.3174,
61.9751

■ 50.6005, 65.9448,
51.8053

■ 65.6553, 73.2426,
73.4411

■ 44.6944, 63.0915,
42.8814

■ 74.8999, 77.7346,
86.2418

■ 39.7992, 60.7338,
35.1568

■ 85.3485, 82.8180,
100.4201

■ 35.8569, 58.8430,
28.5802

■ 86.7604, 83.4208,
106.1368

■ 32.8033, 57.3870,
23.0965

■ 30.5663, 56.3300,
18.6461

■ 29.0616, 55.6298,
15.1634

■ 28.1741, 55.2287,
12.5749

■ 28.0424, 55.1696,
12.1690

Harmonies

Analogous

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



60.9963, 69.3174, 53.2024



57.5691, 69.3174, 61.9751



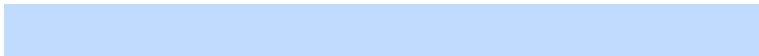
56.3451, 69.3174, 75.4540

Triad

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



57.5691, 69.3174, 61.9751



65.8768, 69.3174, 108.0363



74.9715, 69.3174, 62.0068

Complementary

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



57.5691, 69.3174, 61.9751



61.8948, 56.5123, 73.9786

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.



76.4432, 69.3174, 75.4958



57.5691, 69.3174, 61.9751



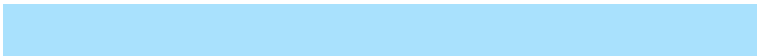
71.0263, 69.3174, 103.2296

Square

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



57.5691, 69.3174, 61.9751



60.9843, 69.3174, 103.2038



74.9635, 69.3174, 90.8051



71.0396, 69.3174, 53.2190

Rectangle

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



57.5691, 69.3174, 61.9751



56.8901, 69.3174, 85.7216



74.9635, 69.3174, 90.8051



75.7793, 69.3174, 66.0790

Sweetspot

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



57.5710, 69.3203, 61.9766



88.9527, 97.0371, 100.4669



65.2831, 73.4101, 57.1840



18.8628, 20.6841, 21.2580



0.0000, 0.0000, 0.0000



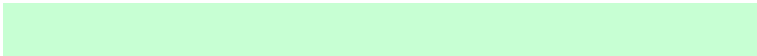
20.3446, 21.4041, 23.3091

Same Dimension

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



57.5710, 69.3203, 61.9766



71.0714, 88.3623, 75.0785



60.0360, 70.3064, 74.9574



14.3182, 16.1407, 15.9403



16.3893, 32.1878, 7.2843



1.2454, 2.3923, 0.7187

Inverse Universe

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



61.8948, 56.5123, 73.9786



77.7707, 68.5130, 93.6710



59.3884, 55.5098, 60.7804



14.8526, 14.5582, 17.4240



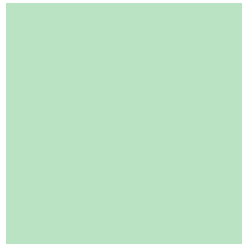
23.1586, 11.3977, 25.5279



1.7449, 0.8557, 2.0634

Previews

White Background



This preview shows how the XYZ color 57.5691, 69.3174, 61.9751 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 57.5691, 69.3174, 61.9751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

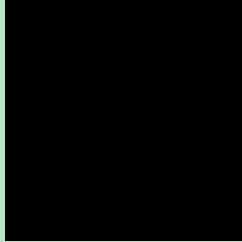
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5691, 69.3174, 61.9751

Background



This preview shows how black text looks on a background with the XYZ color 57.5691, 69.3174, 61.9751.



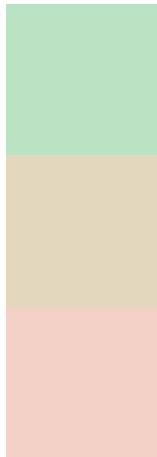
This preview shows how white text looks on a background with the XYZ color 57.5691, 69.3174,

61.9751.

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

57.5691, 69.3174, 61.9751

Protanopia

65.4197, 69.1168, 58.0370

Deuteranopia

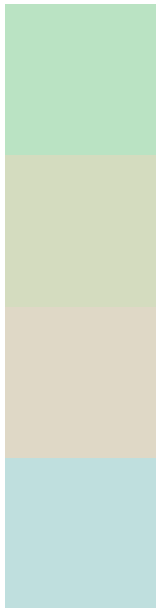
70.4175, 68.9575, 63.6316



Tritanopia

63.5372, 69.3553, 90.9271

Trichromacy



Original Color

57.5691, 69.3174, 61.9751

Protanomaly

62.1485, 68.9450, 59.3224

Deuteranomaly

65.1803, 68.8769, 63.2853

Tritanomaly

61.0584, 69.1256, 79.2317

Monochromacy



Original Color

57.5691, 69.3174, 61.9751

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.1894, 66.5900, 67.4384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5691, 69.3174, 61.9751 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(186, 227, 195)` looks like.

```
.text, #text, p{  
    color:rgb(186, 227, 195)  
}
```

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(186, 227, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 227, 195) }
```

Border

The CSS property to change the border of an element to XYZ 57.5691, 69.3174, 61.9751 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(186, 227, 195) }
```


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

```
.border{ border-color:rgb(186, 227, 195) }
```

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

Here you see how a box with a 4 pixel rgb(186, 227, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 227, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 227, 195);  
box-shadow:4px 4px 4px 4px rgb(186, 227,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5691, 69.3174, 61.9751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 227, 195) }
```

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

```
.background{ background-color: rgb(186,  
227, 195) }
```

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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