

Converting Colors

XYZ(60.2095, 71.3374, 67.8206)

Have a look what the booklet for
XYZ(60.2095, 71.3374, 67.8206)
contains.

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Color

**XYZ(60.1536, 71.3454,
67.7274)**

Conversions

Conversions Part 1

Format	Color
Hex	BEE5CC
RGB	190, 229, 204
RGB Percent	75%, 90%, 80%
CMY	0.2549, 0.1019, 0.2000
CMYK	0.17, 0.00, 0.11, 0.10
HSL	142°, 43%, 82%
HSV	142°, 17%, 90%
XYZ	60.1536, 71.3454, 67.7274
YIQ	214.4890, -15.2190, -16.0430

Conversions

Conversions Part 2

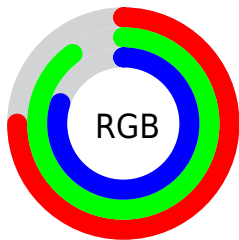
Format	Color
RYB	190, 219, 229
Decimal	12510668
CIELab	87.65, -17.49, 7.99
CIElCh	88, 19.231, 155.464
Yxy	71.3454, 0.3019, 0.3581
Android (android.graphics.Color)	4290700748 (0xFFBEE5CC)
YUV	214.4890, -5.1711, -21.4769
Hunter-Lab	84.4662, -20.6950, 11.5859

Details

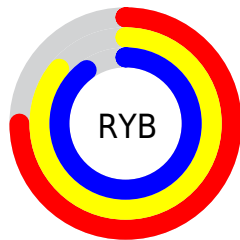
The XYZ color **60.1536, 71.3454, 67.7274** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.9948, 58.3930, 72.2439**, and the grayscale version is **64.2888, 67.6368, 73.6564**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **30.6019, 37.3234, 34.4454** is the 20% darker color. If you saturate the color by 10%, you get **53.1986, 67.9559, 58.6402**, and if you desaturate by 10%, it is **68.1772, 75.2706, 77.7340**.

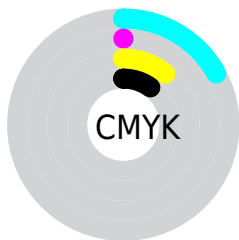
Distribution



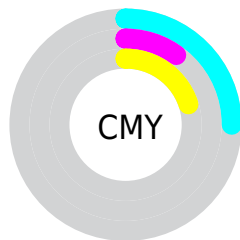
- Red (75%)
- Green (90%)
- Blue (80%)



- Red (75%)
- Yellow (86%)
- Blue (90%)



- Cyan (17%)
- Magenta (0%)
- Yellow (11%)
- Black (10%)



- Cyan (25%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1536, 71.3454, 67.7274 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 60.1536, 71.3454, 67.7274 by changing the saturation by 10% instead.

60.1536, 71.3454,
67.7274

60.1536, 71.3454,
67.7274

414.9894,
465.2600, 471.1014

43.7924, 52.6241,
49.2107

104.1575,
121.1254, 117.6126

30.7045, 37.5028,
34.4199

132.5310,
152.9529, 149.8182

20.5247, 25.5970,
22.9364

165.6392,
189.9180, 187.4238

12.8875, 16.5224,
14.3417

203.8475,
232.4049, 230.8480

7.4276, 9.8946,
8.2172

247.5213,
280.7982, 280.5093

3.7796, 5.3291,
4.1445


297.0260,

1.5782, 2.4416,


335.4822, 336.8263


1.7049


352.7269,
396.8413, 400.2175


 0.3782, 0.8472,
0.3641


 0.0000, 0.0000,
0.0000


 60.1536, 71.3454,
67.7274


 60.1536, 71.3454,
67.7274


 53.1986, 67.9559,
58.6402


 68.1772, 75.2706,
77.7340


 47.2600, 65.0698,
50.4418

 77.3071, 79.7444,
88.6803

 42.2897, 62.6647,
43.1063

 86.2106, 84.0813,
100.5274

 38.2334, 60.7133,
36.6053

 87.3107, 84.5213,
106.3202

■ 35.0312, 59.1853,
30.9085

■ 32.6156, 58.0465,
25.9836

■ 30.9080, 57.2571,
21.7962

■ 29.8081, 56.7661,
18.3086

■ 29.5513, 56.6536,
17.4006

Harmonies

Analogous

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



62.8569, 71.3454, 58.9952



60.1536, 71.3454, 67.7274



59.4630, 71.3454, 80.0956

Triad

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



60.1536, 71.3454, 67.7274



68.6489, 71.3454, 105.4170



75.1967, 71.3454, 64.0223

Complementary

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



60.1536, 71.3454, 67.7274



62.9948, 58.3930, 72.2439

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.



76.9073, 71.3454, 75.3193



60.1536, 71.3454, 67.7274



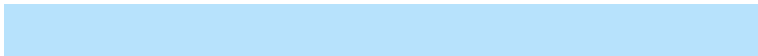
73.0201, 71.3454, 99.9513

Square

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



60.1536, 71.3454, 67.7274



64.2400, 71.3454, 102.8030



76.0936, 71.3454, 88.5693



71.5133, 71.3454, 57.0297

Rectangle

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



60.1536, 71.3454, 67.7274



60.2090, 71.3454, 88.9719



76.0936, 71.3454, 88.5693



76.0288, 71.3454, 67.3918

Sweetspot

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



60.1556, 71.3484, 67.7290



89.2256, 97.1462, 101.9039



65.4434, 74.2598, 59.6004



18.9290, 20.7105, 21.6064



0.0000, 0.0000, 0.0000



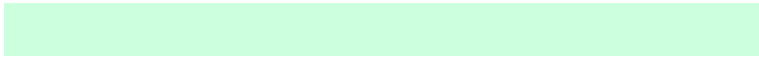
20.3446, 21.4041, 23.3091

Same Dimension

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



60.1556, 71.3484, 67.7290



73.8878, 89.6477, 82.7322



62.5964, 72.3247, 80.5821



14.4020, 16.1742, 16.3817



16.9475, 32.4111, 10.2241



1.2955, 2.4123, 0.9828

Inverse Universe

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



62.9948, 58.3930, 72.2439



78.0742, 70.5423, 89.3873



60.6754, 57.4652, 60.0303



14.7640, 14.5228, 16.9577



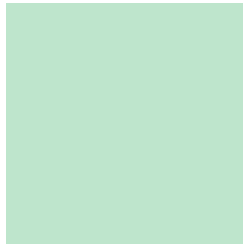
21.5367, 10.7489, 16.9871



1.6355, 0.8119, 1.4870

Previews

White Background



This preview shows how the XYZ color 60.1536, 71.3454, 67.7274 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 60.1536, 71.3454, 67.7274 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

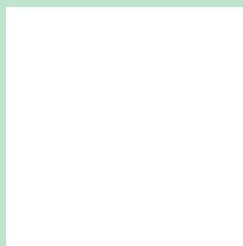
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.1536, 71.3454, 67.7274

Background



This preview shows how black text looks on a background with the XYZ color 60.1536, 71.3454, 67.7274.



This preview shows how white text looks on a background with the XYZ color 60.1536, 71.3454,

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

60.1536, 71.3454, 67.7274

Protanopia

67.2594, 70.7140, 63.5303

Deuteranopia

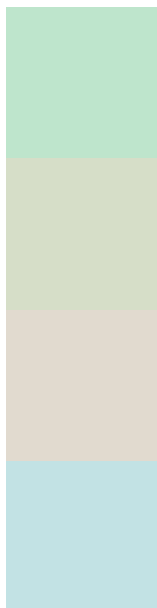
72.5848, 71.0535, 69.5636



Tritanopia

65.5588, 71.5325, 93.5709

Trichromacy



Original Color

60.1536, 71.3454, 67.7274

Protanomaly

64.2782, 70.7088, 64.9039

Deuteranomaly

67.3852, 70.6554, 69.1177

Tritanomaly

63.4481, 71.4635, 83.8485

Monochromacy



Original Color

60.1536, 71.3454, 67.7274

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.1412, 68.2953, 70.8799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1536, 71.3454, 67.7274 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(190, 229, 204)` looks like.

```
.text, #text, p{  
    color:rgb(190, 229, 204)  
}
```

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(190, 229, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 229, 204) }
```

Border

The CSS property to change the border of an element to XYZ 60.1536, 71.3454, 67.7274 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(190, 229, 204) }
```


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

```
.border{ border-color:rgb(190, 229, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 229, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 229, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 229, 204); box-shadow:4px 4px 4px 4px rgb(190, 229, 204) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1536, 71.3454, 67.7274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 229, 204) }
```

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

```
.background{ background-color: rgb(190,  
229, 204) }
```

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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