

Converting Colors

XYZ(61.5599, 76.3479, 60.0610)

Have a look what the booklet for
XYZ(61.5599, 76.3479, 60.0610)
contains.

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Color

**XYZ(61.6466, 76.5271,
60.2373)**

Conversions

Conversions Part 1

Format	Color
Hex	BFEFBE
RGB	191, 239, 190
RGB Percent	75%, 94%, 75%
CMY	0.2510, 0.0627, 0.2549
CMYK	0.20, 0.00, 0.21, 0.06
HSL	119°, 61%, 84%
HSV	119°, 21%, 94%
XYZ	61.6466, 76.5271, 60.2373
YIQ	219.0620, -12.8790, -25.4150

Conversions

Conversions Part 2

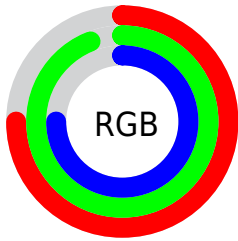
Format	Color
RYB	190, 239, 238
Decimal	12578750
CIELab	90.10, -24.54, 18.75
CIELCh	90, 30.882, 142.610
Yxy	76.5271, 0.3107, 0.3857
Android (android.graphics.Color)	4290768830 (0xFFBFEFBE)
YUV	219.0620, -14.3276, -24.6104
Hunter-Lab	87.4798, -27.3014, 20.4096

Details

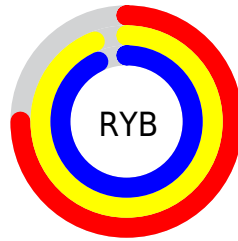
The XYZ color **61.6466, 76.5271, 60.2373** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **69.2566, 61.2383, 89.8354**, and the grayscale version is **67.4793, 70.9935, 77.3120**.

A 20% lighter version of the original color is **91.1060, 98.1303, 101.3280**, and **31.6939, 40.9629, 29.5287** is the 20% darker color. If you saturate the color by 10%, you get **53.8211, 72.7726, 47.3351**, and if you desaturate by 10%, it is **70.8458, 80.9447, 75.4430**.

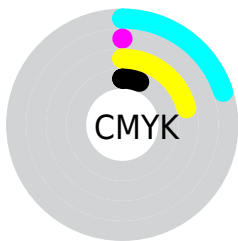
Distribution



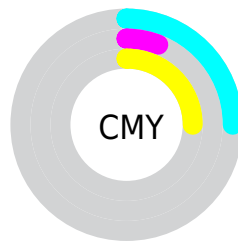
- Red (75%)
- Green (94%)
- Blue (75%)



- Red (75%)
- Yellow (94%)
- Blue (93%)



- Cyan (20%)
- Magenta (0%)
- Yellow (21%)
- Black (6%)



- Cyan (25%)
- Magenta (6%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6466, 76.5271, 60.2373 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 61.6466, 76.5271, 60.2373 by changing the saturation by 10% instead.

61.6466, 76.5271,
60.2373

61.6466, 76.5271,
60.2373

420.3790,
483.1501, 443.3008

45.0017, 56.8648,
43.1834

106.3074,
128.4717, 106.7206

31.6601, 40.8967,
29.6966

135.0541,
161.5229, 136.9870

21.2563, 28.2384,
19.3583

168.5654,
199.8057, 172.4947

13.4250, 18.5054,
11.7500

207.2067,
243.7048, 213.6622

7.8009, 11.3135,
6.4532

251.3433,
293.6043, 260.9080

4.0185, 6.2781,
3.0494


301.3407,


1.7126, 3.0149,


349.8888, 314.6506


1.1199


357.5641,
412.9426, 375.3087


 0.4641, 1.1395,
0.0000


 0.0000, 0.0115,
0.0000


 61.6466, 76.5271,
60.2373


 61.6466, 76.5271,
60.2373


 53.8211, 72.7726,
47.3351


 70.8458, 80.9447,
75.4430

 47.2977, 69.6401,
36.6194

 81.4738, 86.0449,
93.0515

 42.0077, 67.0989,
27.9707

 90.1580, 90.2161,
107.2693

 37.8733, 65.1120,
21.2558

■ 34.8084, 63.6378,
16.3261

■ 32.7143, 62.6295,
13.0116

■ 31.4745, 62.0312,
11.1092

■ 30.9290, 61.7675,
10.2922

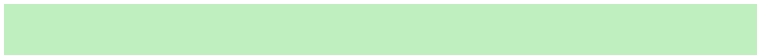
Harmonies

Analogous

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



67.2177, 76.5271, 50.1248



61.6466, 76.5271, 60.2373



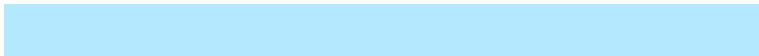
59.0811, 76.5271, 78.0143

Triad

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



61.6466, 76.5271, 60.2373



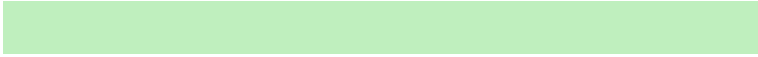
70.8579, 76.5271, 132.5701



87.2044, 76.5271, 68.1315

Complementary

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



61.6466, 76.5271, 60.2373



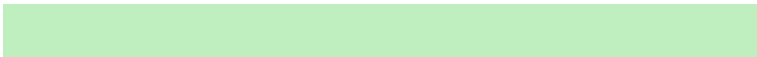
69.2566, 61.2383, 89.8354

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.



88.3493, 76.5271, 88.8714



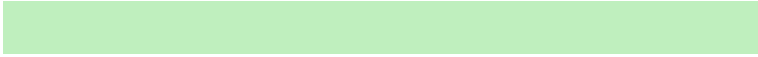
61.6466, 76.5271, 60.2373



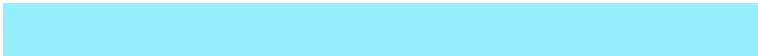
78.5499, 76.5271, 128.6667

Square

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



61.6466, 76.5271, 60.2373



64.1512, 76.5271, 121.5508



85.0830, 76.5271, 111.6662



82.0560, 76.5271, 54.0930

Rectangle

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



61.6466, 76.5271, 60.2373



59.2842, 76.5271, 92.8813



85.0830, 76.5271, 111.6662



88.0843, 76.5271, 74.4478

Sweetspot

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



61.6486, 76.5304, 60.2390



87.3829, 96.3208, 96.1908



75.2848, 82.8533, 60.7407



18.5328, 20.5347, 20.3060



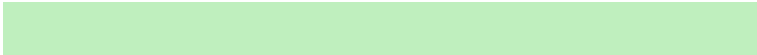
0.0000, 0.0000, 0.0000



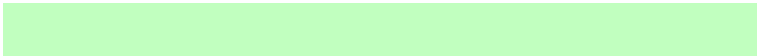
20.3446, 21.4041, 23.3091

Same Dimension

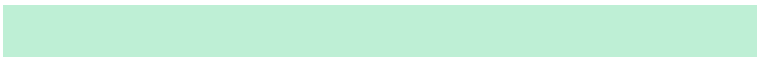
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.6486, 76.5304, 60.2390



67.0692, 86.5710, 62.6095



64.0975, 77.4810, 74.4415



15.5957, 17.6717, 16.7387



17.1044, 34.1392, 5.6880



1.4333, 2.8454, 0.4737

Inverse Universe

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



69.2566, 61.2383, 89.8354



77.4988, 65.6051, 103.1862



66.4247, 60.1444, 73.1668



16.4205, 16.0140, 19.9472



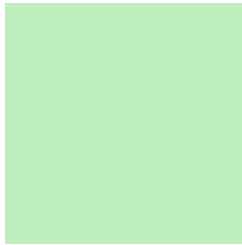
27.3990, 13.1301, 46.2181



2.2894, 1.0975, 3.8454

Previews

White Background



This preview shows how the XYZ color 61.6466, 76.5271, 60.2373 looks on a white background.

Color Contrast Check

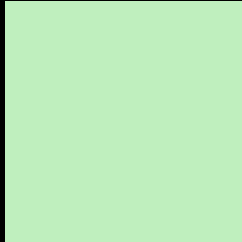
Large Text (above 18pt) WCAG AA × Fail

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 61.6466, 76.5271, 60.2373 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

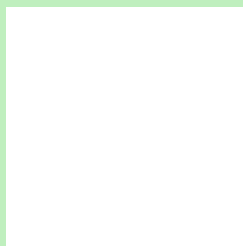
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.6466, 76.5271, 60.2373

Background



This preview shows how black text looks on a background with the XYZ color 61.6466, 76.5271, 60.2373.

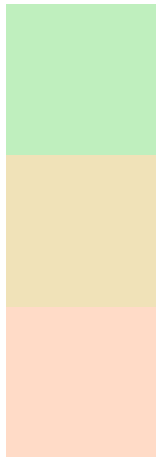


This preview shows how white text looks on a background with the XYZ color 61.6466, 76.5271,

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

61.6466, 76.5271, 60.2373

Protanopia

71.7833, 76.3787, 56.3066

Deuteranopia

76.8803, 76.0466, 64.6593



Tritanopia

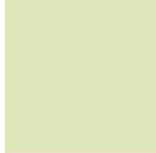
69.7622, 76.4089, 100.6941

Trichromacy



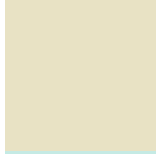
Original Color

61.6466, 76.5271, 60.2373



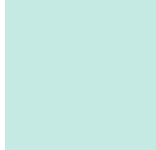
Protanomaly

67.5630, 76.2266, 57.6066



Deuteranomaly

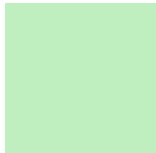
70.4389, 75.5340, 63.0916



Tritanomaly

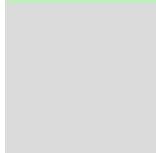
66.4524, 76.3174, 84.6271

Monochromacy



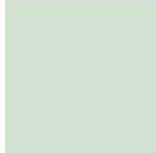
Original Color

61.6466, 76.5271, 60.2373



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

64.8760, 72.5021, 70.2495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6466, 76.5271, 60.2373 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(191, 239, 190)` looks like.

```
.text, #text, p{  
    color:rgb(191, 239, 190)  
}
```

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(191, 239, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 239, 190) }
```

Border

The CSS property to change the border of an element to XYZ 61.6466, 76.5271, 60.2373 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(191, 239, 190) }
```


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

```
.border{ border-color:rgb(191, 239, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 239, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 239, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 239, 190); box-shadow:4px 4px 4px 4px rgb(191, 239, 190) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6466, 76.5271, 60.2373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 239, 190) }
```

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

```
.background{ background-color: rgb(191,  
239, 190) }
```

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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