

Converting Colors

XYZ(60.9844, 74.2682, 61.2083)

Have a look what the booklet for
XYZ(60.9844, 74.2682, 61.2083)
contains.

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Color

**XYZ(60.9610, 74.4289,
61.0224)**

Conversions

Conversions Part 1

Format	Color
Hex	C0EBC0
RGB	192, 235, 192
RGB Percent	75%, 92%, 75%
CMY	0.2471, 0.0784, 0.2471
CMYK	0.18, 0.00, 0.18, 0.08
HSL	120°, 52%, 84%
HSV	120°, 18%, 92%
XYZ	60.9610, 74.4289, 61.0224
YIQ	217.2410, -11.8250, -22.4890

Conversions

Conversions Part 2

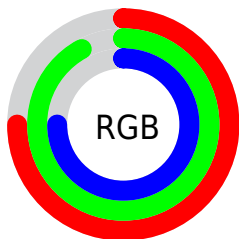
Format	Color
RYB	192, 235, 235
Decimal	12643264
CIELab	89.12, -21.93, 16.36
CIElCh	89, 27.356, 143.283
Yxy	74.4289, 0.3104, 0.3789
Android (android.graphics.Color)	4290833344 (0xFFC0EBC0)
YUV	217.2410, -12.4438, -22.1364
Hunter-Lab	86.2722, -24.8460, 18.4533

Details

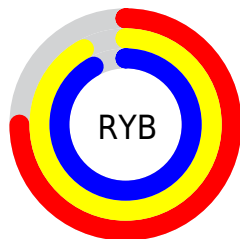
The XYZ color **60.9610, 74.4289, 61.0224** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **68.1086, 61.3613, 86.8549**, and the grayscale version is **66.2088, 69.6568, 75.8562**.

A 20% lighter version of the original color is **91.7702, 98.4370, 102.9704**, and **31.1888, 39.4785, 30.0210** is the 20% darker color. If you saturate the color by 10%, you get **53.0798, 70.6454, 48.1297**, and if you desaturate by 10%, it is **70.2121, 78.8749, 76.1526**.

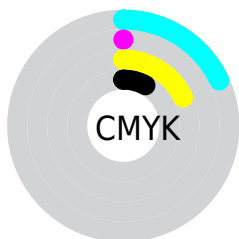
Distribution



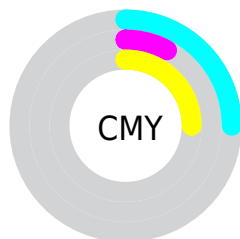
- Red (75%)
- Green (92%)
- Blue (75%)



- Red (75%)
- Yellow (92%)
- Blue (92%)



- Cyan (18%)
- Magenta (0%)
- Yellow (18%)
- Black (8%)



- Cyan (25%)
- Magenta (8%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9610, 74.4289, 61.0224 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 60.9610, 74.4289, 61.0224 by changing the saturation by 10% instead.

60.9610, 74.4289,
61.0224

60.9610, 74.4289,
61.0224

417.9092,
475.9523, 446.2650

44.4461, 55.1452,
43.8126

105.3209,
125.5036, 107.8692

31.2208, 39.5179,
30.1871

133.8966,
158.0634, 138.3433

20.9197, 27.1629,
19.7274

167.2233,
195.8173, 174.0758

13.1774, 17.6956,
12.0149

205.6664,
239.1497, 215.4854

7.6287, 10.7317,
6.6312

249.5912,
288.4450, 262.9906

3.9081, 5.8867,
3.1576

299.3630,

1.6503, 2.7763,

344.0876, 317.0099

1.1757

355.3472,
406.4619, 377.9618

■ 0.4248, 1.0161,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.9610, 74.4289,
61.0224

■ 60.9610, 74.4289,
61.0224

■ 53.0798, 70.6454,
48.1297

■ 70.2121, 78.8749,
76.1526

■ 46.4979, 67.4837,
37.3637

■ 80.8875, 84.0028,
93.6141

■ 41.1472, 64.9135,
28.6117

■ 88.9998, 87.8996,
106.8833

■ 36.9514, 62.8981,
21.7486

■ 33.8254, 61.3965,
16.6353

■ 31.6725, 60.3624,
13.1139

■ 30.3787, 59.7409,
10.9976

■ 29.7817, 59.4541,
10.0210

■ 29.7098, 59.4196,
9.9034

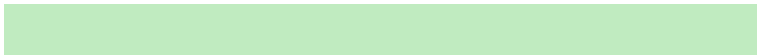
Harmonies

Analogous

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



65.7979, 74.4289, 51.7916



60.9610, 74.4289, 61.0224



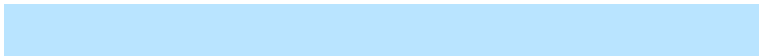
58.7656, 74.4289, 76.8237

Triad

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



60.9610, 74.4289, 61.0224



69.2543, 74.4289, 123.2179



83.1763, 74.4289, 67.3844

Complementary

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



60.9610, 74.4289, 61.0224



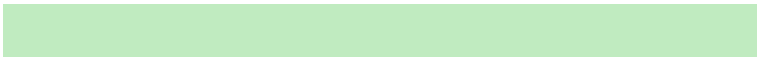
68.1086, 61.3613, 86.8549

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.



84.2451, 74.4289, 85.4087



60.9610, 74.4289, 61.0224



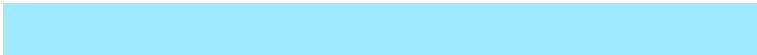
75.9286, 74.4289, 119.6351

Square

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



60.9610, 74.4289, 61.0224



63.3555, 74.4289, 114.1563



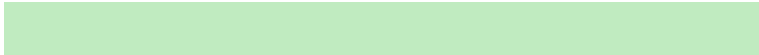
81.5179, 74.4289, 105.0176



78.6824, 74.4289, 55.0417

Rectangle

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



60.9610, 74.4289, 61.0224



58.9910, 74.4289, 89.7669



81.5179, 74.4289, 105.0176



83.9592, 74.4289, 72.8986

Sweetspot

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



60.9630, 74.4321, 61.0240



88.5284, 96.8674, 98.2329



73.4870, 80.8884, 61.6098



18.7601, 20.6430, 20.7174



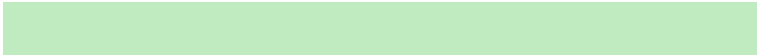
0.0000, 0.0000, 0.0000



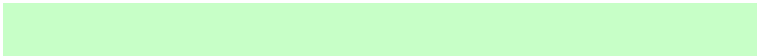
20.3446, 21.4041, 23.3091

Same Dimension

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



60.9630, 74.4321, 61.0240



69.5839, 87.7674, 67.2458



63.5226, 75.4559, 74.5026



14.8684, 16.8622, 15.9898



16.5341, 33.0681, 5.5114



1.2983, 2.5966, 0.4328

Inverse Universe

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



68.1086, 61.3613, 86.8549



79.6903, 69.2808, 103.7795



65.1868, 60.1926, 71.4688



15.7149, 15.3138, 19.0498



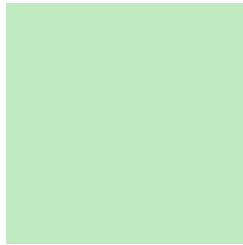
27.4131, 13.1679, 44.8384



2.1526, 1.0340, 3.5209

Previews

White Background



This preview shows how the XYZ color 60.9610, 74.4289, 61.0224 looks on a white background.

Color Contrast Check

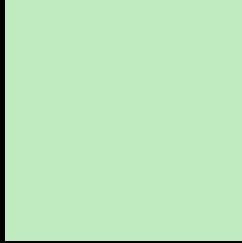
Large Text (above 18pt) WCAG AA × Fail

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 60.9610, 74.4289, 61.0224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

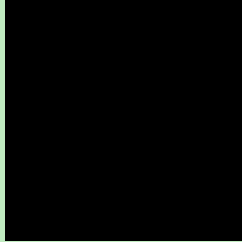
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.9610, 74.4289, 61.0224

Background



This preview shows how black text looks on a background with the XYZ color 60.9610, 74.4289, 61.0224.

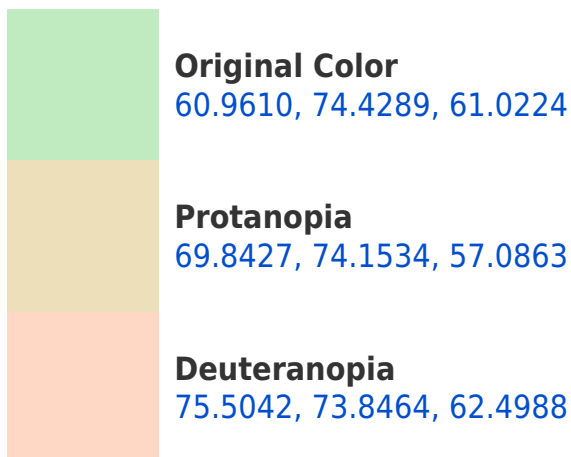


This preview shows how white text looks on a background with the XYZ color 60.9610, 74.4289,

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

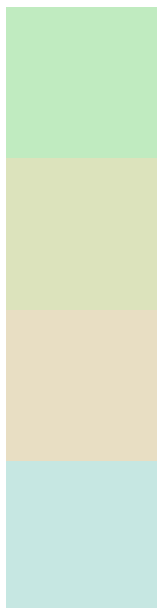




Tritanopia

68.4653, 74.5581, 97.9714

Trichromacy



Original Color

60.9610, 74.4289, 61.0224

Protanomaly

66.0614, 73.7847, 58.3370

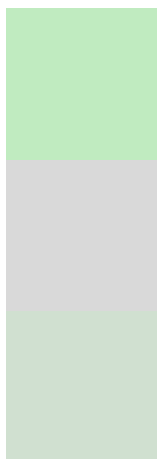
Deuteranomaly

69.2503, 73.3385, 62.1356

Tritanomaly

65.5921, 74.6486, 82.9031

Monochromacy



Original Color

60.9610, 74.4289, 61.0224

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.0532, 71.2753, 70.0560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9610, 74.4289, 61.0224 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(192, 235, 192)` looks like.

```
.text, #text, p{  
    color:rgb(192, 235, 192)  
}
```

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(192, 235, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 235, 192) }
```

Border

The CSS property to change the border of an element to XYZ 60.9610, 74.4289, 61.0224 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(192, 235, 192) }
```


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

```
.border{ border-color:rgb(192, 235, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 235, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 235, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 235, 192);  
box-shadow:4px 4px 4px 4px rgb(192, 235,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9610, 74.4289, 61.0224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 235, 192) }
```

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

```
.background{ background-color: rgb(192,  
235, 192) }
```

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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