

Converting Colors

XYZ(60.6845, 77.6980, 49.6117)

Have a look what the booklet for
XYZ(60.6845, 77.6980, 49.6117)
contains.

XYZ(60.7461, 77.6130, 49.8094)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.7461, 77.6130,
49.8094)**

Conversions

Conversions Part 1

Format	Color
Hex	C0F2AA
RGB	192, 242, 170
RGB Percent	75%, 95%, 67%
CMY	0.2471, 0.0510, 0.3333
CMYK	0.21, 0.00, 0.30, 0.05
HSL	102°, 73%, 81%
HSV	102°, 30%, 95%
XYZ	60.7461, 77.6130, 49.8094
YIQ	218.8420, -6.6880, -32.9920

Conversions

Conversions Part 2

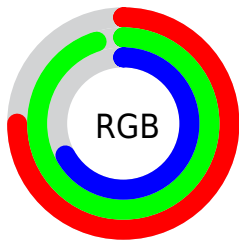
Format	Color
RYB	170, 242, 220
Decimal	12645034
CIELab	90.60, -28.81, 29.69
CIELCh	91, 41.372, 134.131
Yxy	77.6130, 0.3228, 0.4125
Android (android.graphics.Color)	4290835114 (0xFFC0F2AA)
YUV	218.8420, -24.0791, -23.5404
Hunter-Lab	88.0982, -31.0914, 28.1471

Details

The XYZ color **60.7461, 77.6130, 49.8094** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.9202, 50.3781, 90.5743**, and the grayscale version is **67.3891, 70.8986, 77.2086**.

A 20% lighter version of the original color is **88.5544, 97.1507, 86.0362**, and **31.0863, 41.7205, 23.2441** is the 20% darker color. If you saturate the color by 10%, you get **54.6494, 74.7130, 38.6541**, and if you desaturate by 10%, it is **67.7542, 80.9388, 63.2102**.

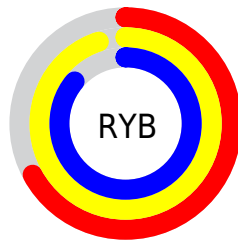
Distribution



Red (75%)

Green (95%)

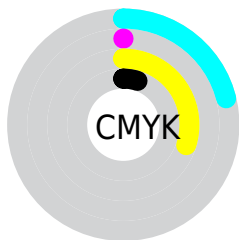
Blue (67%)



Red (67%)

Yellow (95%)

Blue (86%)

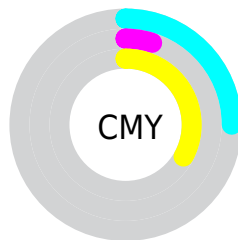


Cyan (21%)

Magenta (0%)

Yellow (30%)

Black (5%)



Cyan (25%)


Magenta (5%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7461, 77.6130, 49.8094 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 60.7461, 77.6130, 49.8094 by changing the saturation by 10% instead.


 60.7461, 77.6130,
49.8094

 60.7461, 77.6130,
49.8094


417.1332,
486.8515, 402.6338

 44.2721, 57.7561,
34.8919


 105.0114,
130.0044, 91.2858

 31.0833, 41.6126,
23.2967


133.5334,
163.3078, 118.6817

 20.8144, 28.7981,
14.6054


166.8021,
201.8621, 151.0742

 13.1001, 18.9281,
8.3994

205.1828,
246.0517, 188.8818

 7.5750, 11.6184,
4.2601

249.0409,
296.2611, 232.5230

 3.8737, 6.4844,
1.7691


298.7418,


 1.6309, 3.1418,


352.8746, 282.4164


0.4075


354.6508,
416.2766, 338.9805


 0.4124, 1.2062,
0.0000

 0.0000, 0.0668,
0.0000


 60.7461, 77.6130,
49.8094


 60.7461, 77.6130,
49.8094


 54.6494, 74.7130,
38.6541


 67.7542, 80.9388,
63.2102

 49.4188, 72.2111,
29.6166

 75.7047, 84.6970,
78.9649

 45.0137, 70.0917,
22.5641

 84.6342, 88.9064,
97.1807

 41.3875, 68.3341,
17.3467

 91.0437, 91.9874,
107.5646

■ 38.4885, 66.9152,
13.7931

■ 36.2573, 65.8090,
11.6999

■ 34.6084, 64.9786,
10.7353

■ 34.5730, 64.9608,
10.7165

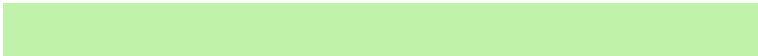
Harmonies

Analogous

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



69.0102, 77.6130, 40.3689



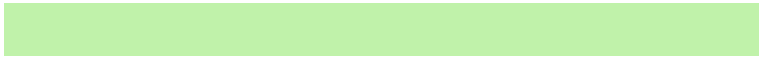
60.7461, 77.6130, 49.8094



56.2144, 77.6130, 69.8442

Triad

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



60.7461, 77.6130, 49.8094



68.4534, 77.6130, 152.1409



94.8278, 77.6130, 71.3268

Complementary

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



60.7461, 77.6130, 49.8094



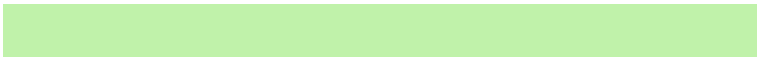
59.9202, 50.3781, 90.5743

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.



94.6431, 77.6130, 101.0913



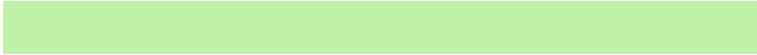
60.7461, 77.6130, 49.8094



78.7413, 77.6130, 152.8048

Square

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



60.7461, 77.6130, 49.8094



60.3715, 77.6130, 130.7957



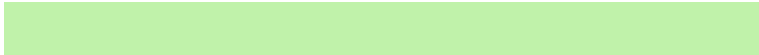
88.5312, 77.6130, 132.4399



89.0146, 77.6130, 50.6746

Rectangle

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



60.7461, 77.6130, 49.8094



55.6262, 77.6130, 88.6854



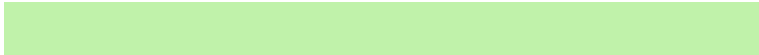
88.5312, 77.6130, 132.4399



95.4810, 77.6130, 80.4626

Sweetspot

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



60.7481, 77.6163, 49.8111



85.9501, 95.7105, 90.3251



69.2605, 72.5503, 48.3846



18.1002, 20.3460, 18.7365



0.0000, 0.0000, 0.0000



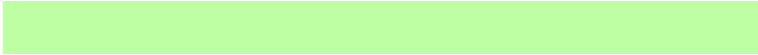
20.3446, 21.4041, 23.3091

Same Dimension

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



60.7481, 77.6163, 49.8111



63.9369, 85.2800, 47.8352



56.9002, 75.4810, 56.4809



16.0201, 17.8905, 16.7586



18.6937, 34.9585, 5.7624



1.6527, 2.9585, 0.4839

Inverse Universe

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



59.9202, 50.3781, 90.5743



62.8464, 49.8087, 100.9094



65.1105, 53.2748, 80.8372



15.9569, 15.7750, 19.9255



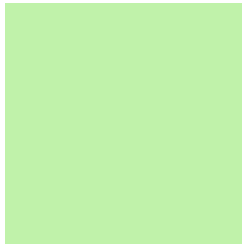
17.4378, 7.9949, 45.7520



1.5514, 0.7171, 3.8109

Previews

White Background



This preview shows how the XYZ color 60.7461, 77.6130, 49.8094 looks on a white background.

Color Contrast Check

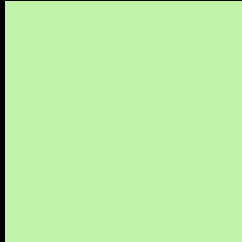
Large Text (above 18pt) WCAG AA × Fail

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 60.7461, 77.6130, 49.8094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

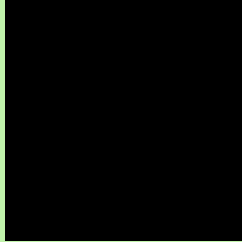
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7461, 77.6130, 49.8094

Background



This preview shows how black text looks on a background with the XYZ color 60.7461, 77.6130, 49.8094.



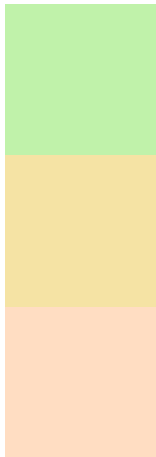
This preview shows how white text looks on a background with the XYZ color 60.7461, 77.6130,

49.8094.

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

60.7461, 77.6130, 49.8094

Protanopia

71.8261, 77.0310, 46.2048

Deuteranopia

76.8341, 76.8679, 61.8263



Tritanopia

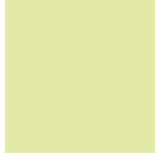
71.2888, 77.5945, 101.6624

Trichromacy



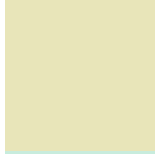
Original Color

60.7461, 77.6130, 49.8094



Protanomaly

67.1036, 76.6352, 47.3317



Deuteranomaly

70.0550, 76.6972, 57.0107



Tritanomaly

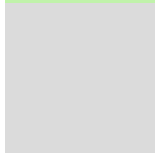
66.8660, 77.4907, 79.8396

Monochromacy



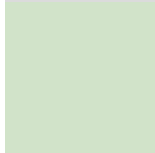
Original Color

60.7461, 77.6130, 49.8094



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

64.3062, 72.7105, 65.9036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7461, 77.6130, 49.8094 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, 242, 170)` looks like.

```
.text, #text, p{  
    color:rgb(192, 242, 170)  
}
```

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, 242, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 242, 170) }
```

Border

The CSS property to change the border of an element to XYZ 60.7461, 77.6130, 49.8094 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, 242, 170) }
```


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

```
.border{ border-color:rgb(192, 242, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 242, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 242, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 242, 170);  
box-shadow:4px 4px 4px 4px rgb(192, 242,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7461, 77.6130, 49.8094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 242, 170) }
```

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

```
.background{ background-color: rgb(192,  
242, 170) }
```

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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