

Converting Colors

XYZ(61.6712, 73.2949, 64.1750)

Have a look what the booklet for
XYZ(61.6712, 73.2949, 64.1750)
contains.

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Color

**XYZ(61.8146, 73.5262,
64.3601)**

Conversions

Conversions Part 1

Format	Color
Hex	C4E8C6
RGB	196, 232, 198
RGB Percent	77%, 91%, 78%
CMY	0.2314, 0.0902, 0.2235
CMYK	0.16, 0.00, 0.15, 0.09
HSL	123°, 44%, 84%
HSV	123°, 16%, 91%
XYZ	61.8146, 73.5262, 64.3601
YIQ	217.3600, -10.5420, -18.2060

Conversions

Conversions Part 2

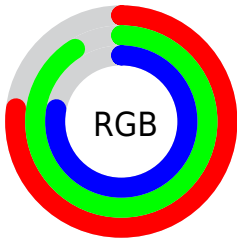
Format	Color
RYB	196, 230, 232
Decimal	12904646
CIELab	88.70, -18.09, 12.67
CIElCh	89, 22.080, 144.995
Yxy	73.5262, 0.3095, 0.3682
Android (android.graphics.Color)	4291094726 (0xFFC4E8C6)
YUV	217.3600, -9.5445, -18.7327
Hunter-Lab	85.7474, -21.3788, 15.5214

Details

The XYZ color **61.8146, 73.5262, 64.3601** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **67.3041, 62.3505, 83.3538**, and the grayscale version is **66.2706, 69.7218, 75.9271**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **31.7147, 38.8151, 32.2061** is the 20% darker color. If you saturate the color by 10%, you get **53.8930, 69.7158, 51.7373**, and if you desaturate by 10%, it is **71.0390, 77.9702, 78.9555**.

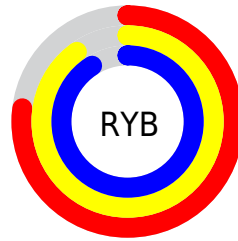
Distribution



Red (77%)

Green (91%)

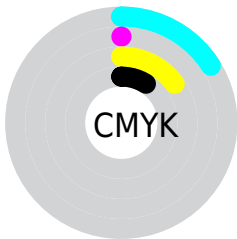
Blue (78%)



Red (77%)

Yellow (90%)

Blue (91%)

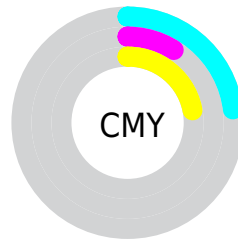


Cyan (16%)

Magenta (0%)

Yellow (15%)

Black (9%)



Cyan (23%)

Magenta (9%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8146, 73.5262, 64.3601 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 61.8146, 73.5262, 64.3601 by changing the saturation by 10% instead.

61.8146, 73.5262,
64.3601

61.8146, 73.5262,
64.3601

420.9828,
472.8365, 458.7320

45.1379, 54.4063,
46.4943

106.5490,
124.2239, 112.7338

31.7678, 38.9266,
32.2846

135.3374,
156.5706, 144.0789

21.3389, 26.7026,
21.3124

168.8938,
194.0950, 180.7541

13.4858, 17.3500,
13.1591

207.5835,
237.1815, 223.1781

7.8432, 10.4844,
7.4062

251.7720,
286.2145, 271.7693

4.0458, 5.7213,
3.6351

301.8244,


1.7281, 2.6763,


341.5784, 326.9463


1.4274


358.1062,
403.6576, 389.1277


 0.4737, 0.9652,
0.1629


 0.0000, 0.0000,
0.0000


 61.8146, 73.5262,
64.3601


 61.8146, 73.5262,
64.3601


 53.8930, 69.7158,
51.7373


 71.0390, 77.9702,
78.9555

 47.2100, 66.5013,
40.9980

 81.6149, 83.0649,
95.5979

 41.7045, 63.8554,
32.0533

 88.1480, 86.1961,
106.5993

 37.3084, 61.7450,
24.8054

■ 33.9462, 60.1335,
19.1473

■ 31.5331, 58.9797,
14.9594

■ 29.9710, 58.2359,
12.1057

■ 29.1400, 57.8439,
10.4247

■ 28.9300, 57.7449,
9.9982

Harmonies

Analogous

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



65.6392, 73.5262, 56.2743



61.8146, 73.5262, 64.3601



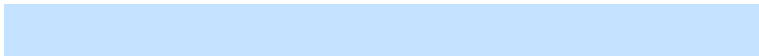
60.1558, 73.5262, 77.5218

Triad

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



61.8146, 73.5262, 64.3601



68.9933, 73.5262, 113.0336



79.5998, 73.5262, 68.2751

Complementary

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



61.8146, 73.5262, 64.3601



67.3041, 62.3505, 83.3538

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.



80.6092, 73.5262, 82.6480



61.8146, 73.5262, 64.3601



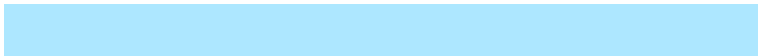
74.3089, 73.5262, 109.7443

Square

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



61.8146, 73.5262, 64.3601



64.1637, 73.5262, 106.6118



78.6277, 73.5262, 98.1199



75.9355, 73.5262, 58.3250

Rectangle

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



61.8146, 73.5262, 64.3601



60.4370, 73.5262, 87.9015



78.6277, 73.5262, 98.1199



80.2685, 73.5262, 72.6947

Sweetspot

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



61.8166, 73.5293, 64.3617



88.6352, 96.9101, 98.7951



71.5209, 78.5586, 63.6191



18.7859, 20.6533, 20.8533



0.0000, 0.0000, 0.0000



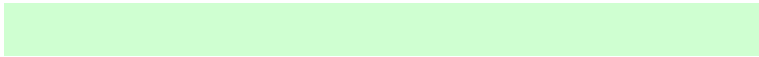
20.3446, 21.4041, 23.3091

Same Dimension

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



61.8166, 73.5293, 64.3617



72.9052, 89.3361, 73.8800



63.9926, 74.3997, 75.8204



14.2216, 16.1021, 15.4319



16.0744, 32.0619, 5.6262



1.1994, 2.3739, 0.4764

Inverse Universe

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



67.3041, 62.3505, 83.3538



81.0635, 72.7157, 102.1145



64.9299, 61.4008, 70.8511



14.9587, 14.6007, 17.9830



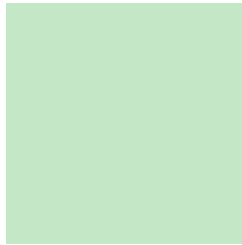
25.5972, 12.3731, 38.3696



1.9022, 0.9186, 2.8914

Previews

White Background



This preview shows how the XYZ color 61.8146, 73.5262, 64.3601 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 61.8146, 73.5262, 64.3601 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

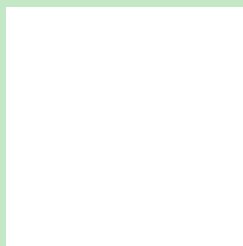
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.8146, 73.5262, 64.3601

Background



This preview shows how black text looks on a background with the XYZ color 61.8146, 73.5262, 64.3601.



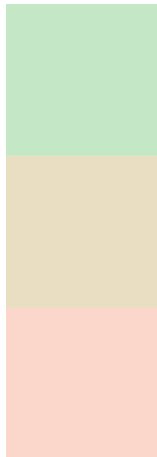
This preview shows how white text looks on a background with the XYZ color 61.8146, 73.5262,

64.3601.

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

61.8146, 73.5262, 64.3601

Protanopia

69.3512, 73.4164, 60.9677

Deuteranopia

74.4909, 72.8666, 66.0157



Tritanopia

68.4273, 73.7617, 96.2189

Trichromacy



Original Color

61.8146, 73.5262, 64.3601

Protanomaly

66.5619, 73.5485, 62.3179

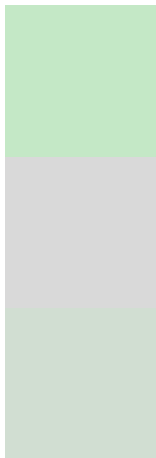
Deuteranomaly

69.3541, 72.9189, 65.6777

Tritanomaly

65.6959, 73.4504, 83.3878

Monochromacy



Original Color

61.8146, 73.5262, 64.3601

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.0486, 70.4510, 71.1954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8146, 73.5262, 64.3601 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(196, 232, 198)` looks like.

```
.text, #text, p{  
    color:rgb(196, 232, 198)  
}
```

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(196, 232, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 232, 198) }
```

Border

The CSS property to change the border of an element to XYZ 61.8146, 73.5262, 64.3601 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(196, 232, 198) }
```


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

```
.border{ border-color:rgb(196, 232, 198) }
```

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

Here you see how a box with a 4 pixel rgb(196, 232, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 232, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 232, 198);  
box-shadow:4px 4px 4px 4px rgb(196, 232,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8146, 73.5262, 64.3601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 232, 198) }
```

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

```
.background{ background-color: rgb(196,  
232, 198) }
```

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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