

# Converting Colors

XYZ(61.6364, 76.2337, 53.5855)

Have a look what the booklet for  
XYZ(61.6364, 76.2337, 53.5855)  
contains.

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# Color

**XYZ(61.6364, 76.2337,  
53.5855)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5EEB2
RGB	197, 238, 178
RGB Percent	77%, 93%, 70%
CMY	0.2274, 0.0666, 0.3020
CMYK	0.17, 0.00, 0.25, 0.07
HSL	101°, 64%, 82%
HSV	101°, 25%, 93%
XYZ	61.6364, 76.2337, 53.5855
YIQ	218.9010, -5.1760, -27.3520

# Conversions

## Conversions Part 2

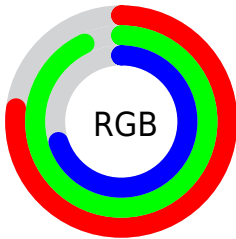
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">178, 238, 219</a>
Decimal	<a href="#">12971698</a>
CIELab	<a href="#">89.97, -23.98, 24.80</a>
CIELCh	<a href="#">90, 34.494, 134.032</a>
Yxy	<a href="#">76.2337, 0.3219, 0.3982</a>
Android (android.graphics.Color)	<a href="#">4291161778 (0xFFC5EEB2)</a>
YUV	<a href="#">218.9010, -20.1642, -19.2072</a>
Hunter-Lab	<a href="#">87.3119, -26.7867, 24.7306</a>

# Details

The XYZ color **61.6364, 76.2337, 53.5855** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.5695, 53.0761, 87.9452**, and the grayscale version is **67.4030, 70.9132, 77.2245**.

A 20% lighter version of the original color is **91.4843, 98.5313, 92.0386**, and **31.5849, 40.6873, 25.5908** is the 20% darker color. If you saturate the color by 10%, you get **55.4199, 73.2838, 41.8843**, and if you desaturate by 10%, it is **68.7310, 79.5929, 67.4952**.

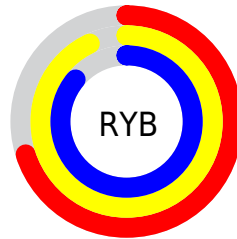
# Distribution



Red (77%)

Green (93%)

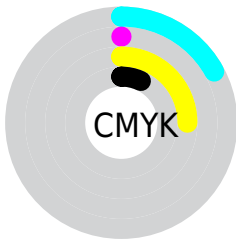
Blue (70%)



Red (70%)

Yellow (93%)

Blue (86%)

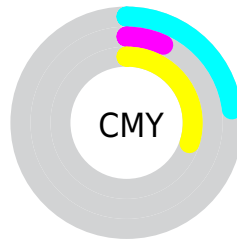


Cyan (17%)

Magenta (0%)

Yellow (25%)

Black (7%)



Cyan (23%)

Magenta (7%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6364, 76.2337, 53.5855 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 61.6364, 76.2337, 53.5855 by changing the saturation by 10% instead.



61.6364, 76.2337,  
53.5855

61.6364, 76.2337,  
53.5855

420.3423,  
482.1473, 417.6573

44.9935, 56.6242,  
37.8795

106.2928,  
128.0572, 96.9156

31.6535, 40.7036,  
25.5880

135.0369,  
161.0400, 125.3768

21.2513, 28.0875,  
16.2927

168.5454,  
199.2492, 158.9267

13.4213, 18.3917,  
9.5749

207.1838,  
243.0694, 197.9840

7.7983, 11.2315,  
5.0161

251.3173,  
292.8849, 242.9672

4.0169, 6.2228,  
2.1978


301.3113,

1.7117, 2.9810,


349.0802, 294.2947


0.6731


357.5312,  
412.0395, 352.3853


 0.4636, 1.1218,  
0.0000


 0.0000, 0.0000,  
0.0000


 61.6364, 76.2337,  
53.5855


 61.6364, 76.2337,  
53.5855


 55.4199, 73.2838,  
41.8843


 68.7310, 79.5929,  
67.4952


 50.0398, 70.7174,  
32.2730

 76.7316, 83.3667,  
83.7136

 45.4593, 68.5205,  
24.6298

 85.6720, 87.5726,  
102.3409

 41.6365, 66.6745,  
18.8182

 89.8660, 89.6321,  
107.1720

■ 38.5253, 65.1589,  
14.6840

■ 36.0733, 63.9507,  
12.0481

■ 34.2193, 63.0230,  
10.6900

■ 33.5059, 62.6625,  
10.3291

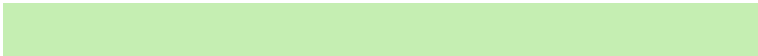
# Harmonies

## Analogous

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



68.5501, 76.2337, 45.2391



61.6364, 76.2337, 53.5855



57.7937, 76.2337, 70.7322

# Triad

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



61.6364, 76.2337, 53.5855



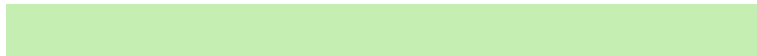
68.0350, 76.2337, 136.9054



89.5790, 76.2337, 72.1204

# Complementary

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



61.6364, 76.2337, 53.5855



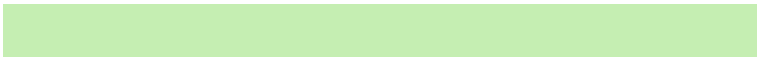
60.5695, 53.0761, 87.9452

# 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.



89.4137, 76.2337, 96.6224



61.6364, 76.2337, 53.5855



76.5113, 76.2337, 137.4802

# Square

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



61.6364, 76.2337, 53.5855



61.2849, 76.2337, 120.1581



84.4771, 76.2337, 121.6014

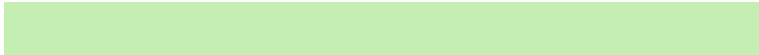


84.9123, 76.2337, 54.4290



# Rectangle

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



61.6364, 76.2337, 53.5855



57.2854, 76.2337, 86.3552



84.4771, 76.2337, 121.6014



90.0974, 76.2337, 79.7436

# Sweetspot

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



61.6384, 76.2370, 53.5872



86.9935, 96.2063, 92.2792



68.6304, 72.0577, 52.4120



18.3128, 20.4472, 19.1258



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

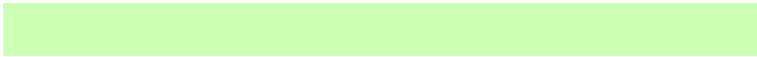


# Same Dimension

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



61.6384, 76.2370, 53.5872



68.3993, 87.4120, 55.6504



58.1222, 74.2916, 59.4220



16.0369, 17.8992, 16.7594



18.8102, 35.0186, 5.7679



1.6641, 2.9644, 0.4845



# Inverse Universe

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



60.5695, 53.0761, 87.9452



66.9533, 56.2121, 101.9289



65.0482, 55.5660, 79.9733



15.9392, 15.7659, 19.9246



17.1355, 7.8391, 45.7378



1.5281, 0.7050, 3.8098



# Previews

## White Background



This preview shows how the XYZ color 61.6364, 76.2337, 53.5855 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

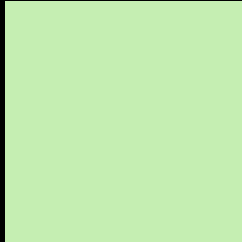
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 61.6364, 76.2337, 53.5855 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

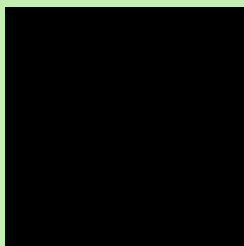
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

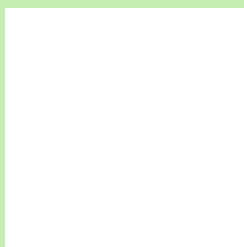
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 61.6364, 76.2337, 53.5855**

## **Background**



This preview shows how black text looks on a background with the XYZ color 61.6364, 76.2337, 53.5855.



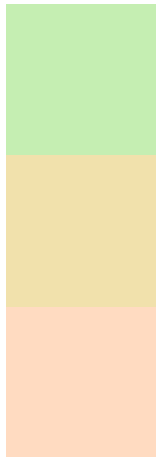
This preview shows how white text looks on a background with the XYZ color 61.6364, 76.2337,



# 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

61.6364, 76.2337, 53.5855

### Protanopia

70.6472, 75.5298, 49.8849

### Deuteranopia

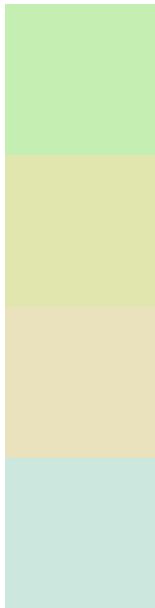
76.1972, 75.7733, 61.0618



## Tritanopia

70.8202, 76.1639, 98.9642

# Trichromacy



## Original Color

61.6364, 76.2337, 53.5855

## Protanomaly

66.9881, 75.6572, 51.1170

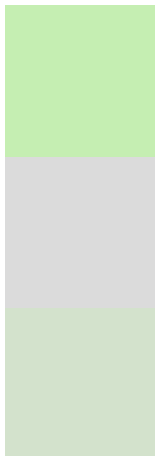
## Deuteranomaly

70.2051, 75.5160, 58.4528

## Tritanomaly

66.9433, 75.8245, 80.2146

# Monochromacy



## Original Color

61.6364, 76.2337, 53.5855

## Achromatopsia

67.3311, 70.8376, 77.1421

## Achromatomaly

64.9594, 72.6012, 67.7165

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.6364, 76.2337, 53.5855 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(197, 238, 178)` looks like.

```
.text, #text, p{  
    color:rgb(197, 238, 178)  
}
```

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(197, 238, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 238, 178) }
```

## Border

The CSS property to change the border of an element to XYZ 61.6364, 76.2337, 53.5855 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(197, 238, 178) }
```



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

```
.border{ border-color:rgb(197, 238, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 238, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 238, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 238, 178); box-shadow:4px 4px 4px 4px rgb(197, 238, 178) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.6364, 76.2337, 53.5855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 238, 178) }
```

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

```
.background{ background-color: rgb(197,  
238, 178) }
```

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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