

Converting Colors

XYZ(62.1839, 77.4404, 58.2296)

Have a look what the booklet for
XYZ(62.1839, 77.4404, 58.2296)
contains.

XYZ(62.0153, 77.2028, 58.0875)	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(62.0153, 77.2028,
58.0875)**

Conversions

Conversions Part 1

Format	Color
Hex	C1F0BA
RGB	193, 240, 186
RGB Percent	76%, 94%, 73%
CMY	0.2431, 0.0588, 0.2706
CMYK	0.20, 0.00, 0.23, 0.06
HSL	112°, 64%, 84%
HSV	112°, 23%, 94%
XYZ	62.0153, 77.2028, 58.0875
YIQ	219.7910, -10.6780, -26.7580

Conversions

Conversions Part 2

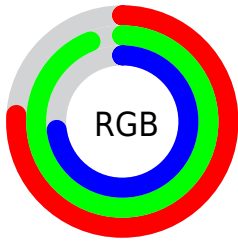
Format	Color
RYB	186, 240, 233
Decimal	12710074
CIELab	90.41, -25.02, 21.27
CIELCh	90, 32.835, 139.633
Yxy	77.2028, 0.3143, 0.3913
Android (android.graphics.Color)	4290900154 (0xFFC1F0BA)
YUV	219.7910, -16.6590, -23.4957
Hunter-Lab	87.8651, -27.7785, 22.3091

Details

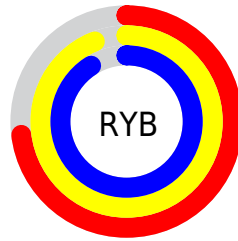
The XYZ color **62.0153, 77.2028, 58.0875** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.8947, 58.7350, 90.2534**, and the grayscale version is **68.0013, 71.5426, 77.9099**.

A 20% lighter version of the original color is **91.2114, 98.2548, 98.1621**, and **32.0216, 41.4634, 28.5058** is the 20% darker color. If you saturate the color by 10%, you get **54.7210, 73.7152, 45.5275**, and if you desaturate by 10%, it is **70.4946, 81.2563, 72.9431**.

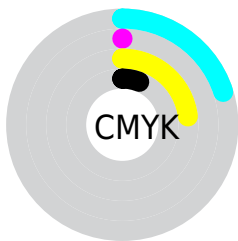
Distribution



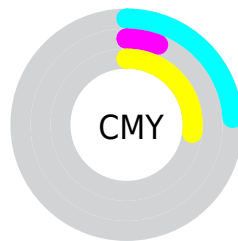
- Red (76%)
- Green (94%)
- Blue (73%)



- Red (73%)
- Yellow (94%)
- Blue (91%)



- Cyan (20%)
- Magenta (0%)
- Yellow (23%)
- Black (6%)





- Cyan (24%)
- Magenta (6%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0153, 77.2028, 58.0875 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 62.0153, 77.2028, 58.0875 by changing the saturation by 10% instead.


 62.0153, 77.2028,
58.0875

 62.0153, 77.2028,
58.0875

421.7036,
485.4552, 435.1193

 45.3007, 57.4193,
41.4638

 106.8375,
129.4257, 103.5663

 31.8966, 41.3420,
28.3593


135.6757,
162.6340, 133.2585

 21.4377, 28.5864,
18.3553


169.2859,
201.0859, 168.1440

 13.5586, 18.7682,
11.0333

208.0335,
245.1660, 208.6413

 7.8940, 11.5029,
5.9748

252.2836,
295.2585, 255.1689

 4.0784, 6.4062,
2.7612

302.4018,

 1.7466, 3.0936,

351.7480, 308.1454

0.9740

358.7533,
415.0188, 367.9894

■ 0.4852, 1.1808,
0.0000

■ 0.0000, 0.0459,
0.0000

■ 62.0153, 77.2028,
58.0875

■ 62.0153, 77.2028,
58.0875

■ 54.7210, 73.7152,
45.5275

■ 70.4946, 81.2563,
72.9431

■ 48.5527, 70.7587,
35.1440

■ 80.2021, 85.8889,
90.1954

■ 43.4557, 68.3102,
26.8146

■ 90.4516, 90.8033,
107.3672

■ 39.3681, 66.3407,
20.4030

■ 36.2218, 64.8183,
15.7563

■ 33.9398, 63.7072,
12.6983

■ 32.4325, 62.9658,
11.0165

■ 31.7299, 62.6162,
10.4138

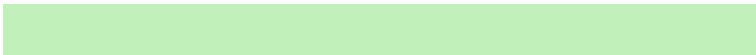
Harmonies

Analogous

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



68.2105, 77.2028, 48.3158



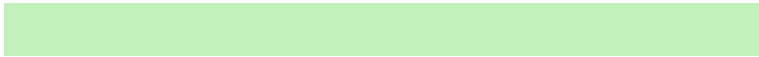
62.0153, 77.2028, 58.0875



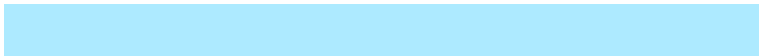
58.9436, 77.2028, 76.1982

Triad

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



62.0153, 77.2028, 58.0875



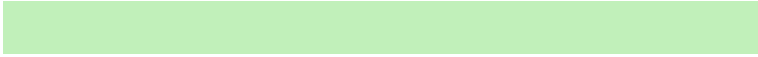
70.5796, 77.2028, 136.7289



89.2445, 77.2028, 69.7903

Complementary

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



62.0153, 77.2028, 58.0875



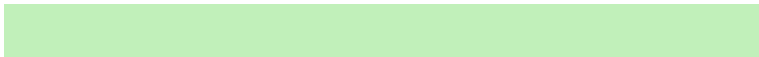
66.8947, 58.7350, 90.2534

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.



89.9973, 77.2028, 92.4464



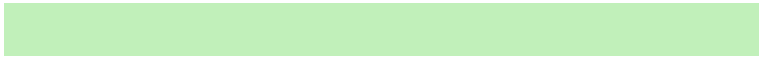
62.0153, 77.2028, 58.0875



78.8021, 77.2028, 134.1355

Square

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



62.0153, 77.2028, 58.0875



63.6384, 77.2028, 123.3485



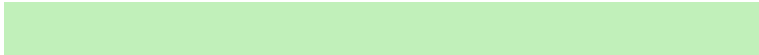
86.0523, 77.2028, 116.8101



84.0659, 77.2028, 54.1503

Rectangle

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



62.0153, 77.2028, 58.0875



58.9134, 77.2028, 91.8414



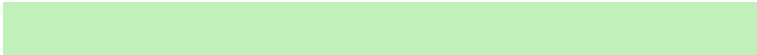
86.0523, 77.2028, 116.8101



90.0375, 77.2028, 76.7324

Sweetspot

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



62.0173, 77.2061, 58.0892



86.8212, 96.0747, 94.2040



73.8838, 80.2388, 58.0491



18.4386, 20.4949, 19.9063



0.0000, 0.0000, 0.0000



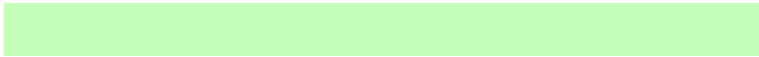
20.3446, 21.4041, 23.3091

Same Dimension

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



62.0173, 77.2061, 58.0892



67.1634, 86.6834, 59.7297



62.5285, 77.2093, 69.8746



15.7563, 17.7545, 16.7462



17.4293, 34.3067, 5.7032



1.5100, 2.8850, 0.4773

Inverse Universe

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



66.8947, 58.7350, 90.2534



73.6736, 62.0078, 102.6934



66.4416, 58.8230, 75.7041



16.2410, 15.9215, 19.9388



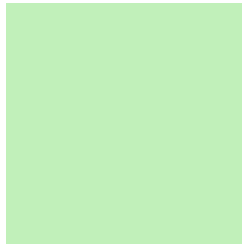
23.0682, 10.8975, 46.0155



1.9747, 0.9352, 3.8307

Previews

White Background



This preview shows how the XYZ color 62.0153, 77.2028, 58.0875 looks on a white background.

Color Contrast Check

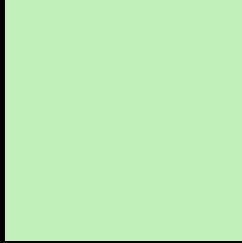
Large Text (above 18pt) WCAG AA × Fail

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 62.0153, 77.2028, 58.0875 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

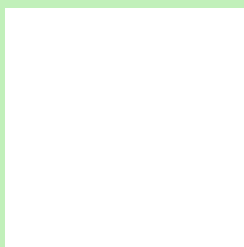
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.0153, 77.2028, 58.0875

Background



This preview shows how black text looks on a background with the XYZ color 62.0153, 77.2028, 58.0875.



This preview shows how white text looks on a background with the XYZ color 62.0153, 77.2028,

58.0875.

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

62.0153, 77.2028, 58.0875

Protanopia

71.9829, 76.9342, 54.2359

Deuteranopia

77.1420, 76.5699, 64.7465



Tritanopia

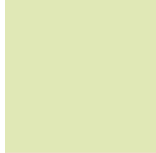
70.7331, 76.8913, 101.5560

Trichromacy



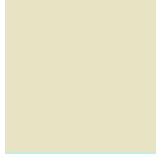
Original Color

62.0153, 77.2028, 58.0875



Protanomaly

68.0406, 76.9379, 55.5204



Deuteranomaly

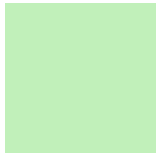
70.4854, 75.9890, 61.9913



Tritanomaly

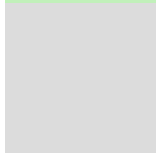
67.1074, 76.6710, 83.9351

Monochromacy



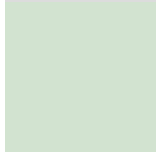
Original Color

62.0153, 77.2028, 58.0875



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

65.4326, 73.1939, 70.3537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0153, 77.2028, 58.0875 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(193, 240, 186)` looks like.

```
.text, #text, p{  
    color:rgb(193, 240, 186)  
}
```

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(193, 240, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 240, 186) }
```

Border

The CSS property to change the border of an element to XYZ 62.0153, 77.2028, 58.0875 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(193, 240, 186) }
```


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

```
.border{ border-color:rgb(193, 240, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 240, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 240, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 240, 186);  
box-shadow:4px 4px 4px 4px rgb(193, 240,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0153, 77.2028, 58.0875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 240, 186) }
```

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

```
.background{ background-color: rgb(193,  
240, 186) }
```

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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