

Converting Colors

XYZ(62.9608, 78.0574, 60.5446)

Have a look what the booklet for
XYZ(62.9608, 78.0574, 60.5446)
contains.

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Color

**XYZ(62.9977, 78.0976,
60.4692)**

Conversions

Conversions Part 1

Format	Color
Hex	C2F1BE
RGB	194, 241, 190
RGB Percent	76%, 95%, 75%
CMY	0.2392, 0.0549, 0.2549
CMYK	0.20, 0.00, 0.21, 0.05
HSL	115°, 65%, 85%
HSV	115°, 21%, 95%
XYZ	62.9977, 78.0976, 60.4692
YIQ	221.1330, -11.6410, -25.8250

Conversions

Conversions Part 2

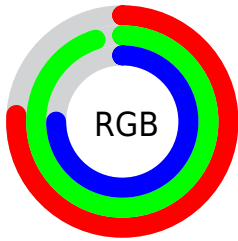
Format	Color
RYB	190, 241, 237
Decimal	12775870
CIELab	90.82, -24.50, 19.79
CIElCh	91, 31.495, 141.082
Yxy	78.0976, 0.3125, 0.3875
Android (android.graphics.Color)	4290965950 (0xFFC2F1BE)
YUV	221.1330, -15.3486, -23.7956
Hunter-Lab	88.3728, -27.4065, 21.2918

Details

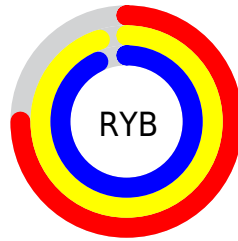
The XYZ color **62.9977, 78.0976, 60.4692** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **69.2189, 61.1845, 91.3847**, and the grayscale version is **68.9327, 72.5225, 78.9770**.

A 20% lighter version of the original color is **92.1782, 98.6831, 101.3782**, and **32.6081, 42.0509, 29.6906** is the 20% darker color. If you saturate the color by 10%, you get **55.2980, 74.4102, 47.4771**, and if you desaturate by 10%, it is **71.9891, 82.4052, 75.7986**.

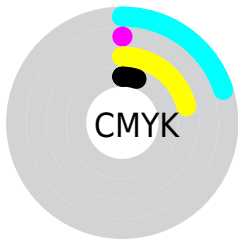
Distribution



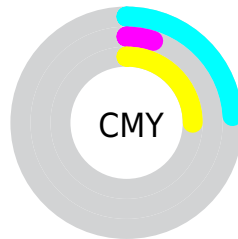
- Red (76%)
- Green (95%)
- Blue (75%)



- Red (75%)
- Yellow (95%)
- Blue (93%)



- Cyan (20%)
- Magenta (0%)
- Yellow (21%)
- Black (5%)



- Cyan (24%)
- Magenta (5%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9977, 78.0976, 60.4692 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 62.9977, 78.0976, 60.4692 by changing the saturation by 10% instead.

■ 62.9977, 78.0976,
60.4692

■ 62.9977, 78.0976,
60.4692

425.2209,
488.4982, 444.1776

■ 46.0980, 58.1542,
43.3692

■ 108.2480,
130.6877, 107.0600

■ 32.5281, 41.9326,
29.8413

137.3293,
164.1031, 137.3879

■ 21.9227, 29.0485,
19.4672

171.2019,
202.7780, 172.9621

■ 13.9164, 19.1175,
11.8281

210.2311,
247.0968, 214.2013

■ 8.1438, 11.7552,
6.5056

254.7822,
297.4438, 261.5239

■ 4.2397, 6.5772,
3.0812

305.2207,

■ 1.8386, 3.1991,

354.2034, 315.3484

1.1362

361.9118,
417.7601, 376.0935

■ 0.5408, 1.2366,
0.0000

■ 0.0000, 0.0913,
0.0000

■ 62.9977, 78.0976,
60.4692

■ 62.9977, 78.0976,
60.4692

■ 55.2980, 74.4102,
47.4771

■ 71.9891, 82.4052,
75.7986

■ 48.8249, 71.3049,
36.7028

■ 82.3213, 87.3490,
93.5667

■ 43.5165, 68.7549,
28.0238

■ 90.7468, 91.3936,
107.4656

■ 39.3036, 66.7275,
21.3040

■ 36.1092, 65.1861,
16.3909

■ 33.8465, 64.0899,
13.1098

■ 32.4138, 63.3910,
11.2514

■ 31.7234, 63.0510,
10.4981

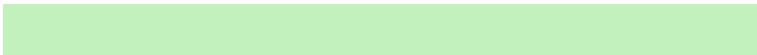
Harmonies

Analogous

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



68.8840, 78.0976, 50.4807



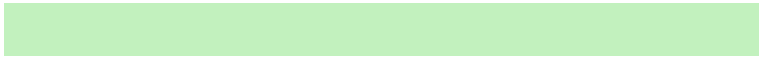
62.9977, 78.0976, 60.4692



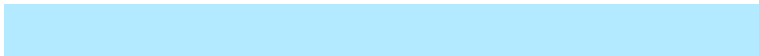
60.1755, 78.0976, 78.4504

Triad

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



62.9977, 78.0976, 60.4692



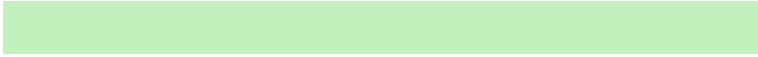
71.8932, 78.0976, 135.8213



89.3682, 78.0976, 70.2887

Complementary

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



62.9977, 78.0976, 60.4692



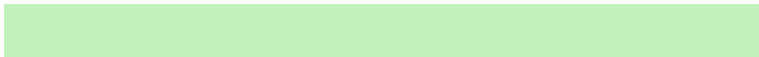
69.2189, 61.1845, 91.3847

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.



90.3170, 78.0976, 91.9781



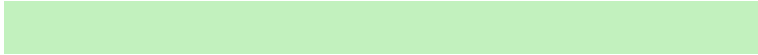
62.9977, 78.0976, 60.4692



79.8444, 78.0976, 132.5782

Square

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



62.9977, 78.0976, 60.4692



65.0659, 78.0976, 123.6921



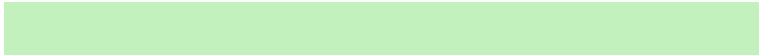
86.7226, 78.0976, 115.4885



84.2153, 78.0976, 55.4094

Rectangle

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



62.9977, 78.0976, 60.4692



60.2624, 78.0976, 93.6989



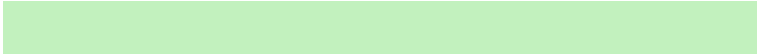
86.7226, 78.0976, 115.4885



90.2032, 78.0976, 76.9223

Sweetspot

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



62.9998, 78.1009, 60.4709



87.6850, 96.4766, 96.2050



75.7851, 82.8460, 60.7129



18.6039, 20.5714, 20.3094



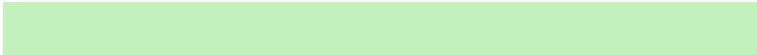
0.0000, 0.0000, 0.0000



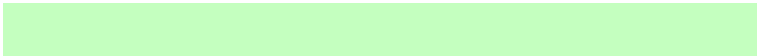
20.3446, 21.4041, 23.3091

Same Dimension

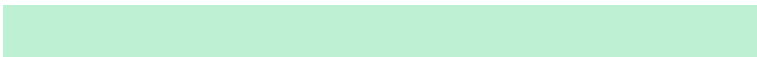
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.9998, 78.1009, 60.4709



68.0212, 87.0618, 62.6541



64.4822, 78.5769, 73.5629



15.6807, 17.7156, 16.7427



17.2448, 34.2116, 5.6946



1.4741, 2.8664, 0.4756

Inverse Universe

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



69.2189, 61.1845, 91.3847



76.1601, 64.9150, 103.1235



67.5770, 60.6837, 75.6908



16.3248, 15.9647, 19.9427



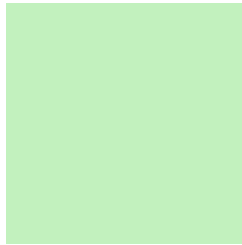
25.0157, 11.9015, 46.1066



2.1171, 1.0087, 3.8373

Previews

White Background



This preview shows how the XYZ color 62.9977, 78.0976, 60.4692 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 62.9977, 78.0976, 60.4692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

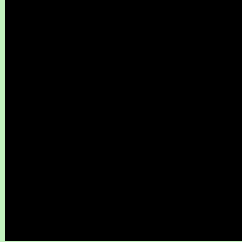
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

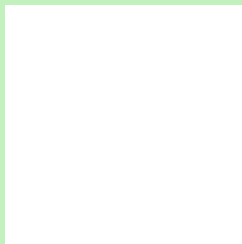
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.9977, 78.0976, 60.4692

Background



This preview shows how black text looks on a background with the XYZ color 62.9977, 78.0976, 60.4692.



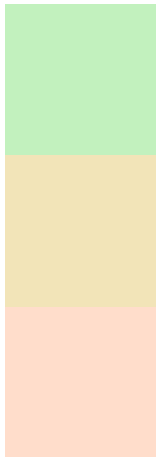
This preview shows how white text looks on a background with the XYZ color 62.9977, 78.0976,

60.4692.

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

62.9977, 78.0976, 60.4692

Protanopia

73.0131, 77.8247, 56.5209

Deuteranopia

77.8759, 77.2847, 67.3128



Tritanopia

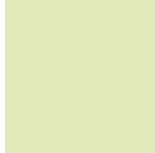
71.4533, 78.0802, 102.5718

Trichromacy



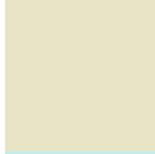
Original Color

62.9977, 78.0976, 60.4692



Protanomaly

69.0532, 77.8305, 57.8377



Deuteranomaly

71.5407, 76.8877, 64.4963



Tritanomaly

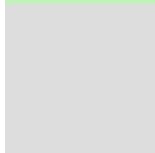
67.9577, 77.9274, 85.5885

Monochromacy



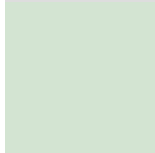
Original Color

62.9977, 78.0976, 60.4692



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

66.2402, 73.9888, 71.7628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9977, 78.0976, 60.4692 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(194, 241, 190)` looks like.

```
.text, #text, p{  
    color:rgb(194, 241, 190)  
}
```

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(194, 241, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 241, 190) }
```

Border

The CSS property to change the border of an element to XYZ 62.9977, 78.0976, 60.4692 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(194, 241, 190) }
```


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

```
.border{ border-color:rgb(194, 241, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 241, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 241, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 241, 190);  
box-shadow:4px 4px 4px 4px rgb(194, 241,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9977, 78.0976, 60.4692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 241, 190) }
```

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

```
.background{ background-color: rgb(194,  
241, 190) }
```

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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