

Converting Colors

XYZ(62.3927, 73.1230, 56.1182)

Have a look what the booklet for
XYZ(62.3927, 73.1230, 56.1182)
contains.

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Color

**XYZ(62.4021, 73.1761,
56.1829)**

Conversions

Conversions Part 1

Format	Color
Hex	CEE6B8
RGB	206, 230, 184
RGB Percent	81%, 90%, 72%
CMY	0.1922, 0.0980, 0.2784
CMYK	0.10, 0.00, 0.20, 0.10
HSL	91°, 48%, 81%
HSV	91°, 20%, 90%
XYZ	62.4021, 73.1761, 56.1829
YIQ	217.5800, 0.4620, -19.3940

Conversions

Conversions Part 2

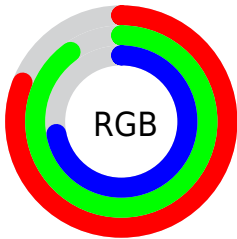
Format	Color
RYB	184, 230, 208
Decimal	13559480
CIELab	88.53, -16.00, 19.81
CIELCh	89, 25.466, 128.924
Yxy	73.1761, 0.3254, 0.3816
Android (android.graphics.Color)	4291749560 (0xFFCEE6B8)
YUV	217.5800, -16.5549, -10.1557
Hunter-Lab	85.5430, -19.4878, 20.9397

Details

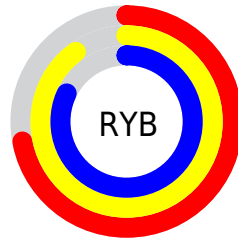
The XYZ color **62.4021, 73.1761, 56.1829** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **57.4389, 53.4061, 82.1479**, and the grayscale version is **66.4631, 69.9244, 76.1476**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **31.9953, 38.4901, 27.2157** is the 20% darker color. If you saturate the color by 10%, you get **56.9793, 70.6390, 44.3505**, and if you desaturate by 10%, it is **68.4753, 76.0075, 70.0950**.

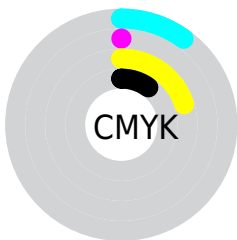
Distribution



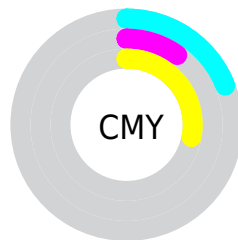
- Red (81%)
- Green (90%)
- Blue (72%)



- Red (72%)
- Yellow (90%)
- Blue (82%)



- Cyan (10%)
- Magenta (0%)
- Yellow (20%)
- Black (10%)




- Cyan (19%)
- Magenta (10%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4021, 73.1761, 56.1829 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 62.4021, 73.1761, 56.1829 by changing the saturation by 10% instead.


 62.4021, 73.1761,
56.1829

 62.4021, 73.1761,
56.1829


423.0905,
471.6249, 427.7881

 45.6145, 54.1200,
39.9446


 107.3931,
123.7272, 100.7604

 32.1451, 38.6976,
27.1819


136.3273,
155.9909, 129.9367

 21.6284, 26.5245,
17.4762


170.0410,
193.4260, 164.2627

 13.6992, 17.2165,
10.4091

208.8996,
236.4167, 204.1571

 7.9920, 10.3889,
5.5619

253.2686,
285.3476, 250.0382

 4.1416, 5.6576,
2.5161

303.5131,

 1.7826, 2.6380,

340.6030, 302.3248

0.8487

359.9987,
402.5673, 361.4352

■ 0.5071, 0.9458,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4021, 73.1761,
56.1829

■ 62.4021, 73.1761,
56.1829

■ 56.9793, 70.6390,
44.3505

■ 68.4753, 76.0075,
70.0950

■ 52.1766, 68.3763,
34.4931

■ 75.2161, 79.1336,
86.1752

■ 47.9694, 66.3800,
26.5041

■ 82.6485, 82.5669,
104.5125

■ 44.3294, 64.6378,
20.2651

■ 87.2241, 84.8888,
106.3957

■ 41.2251, 63.1365,
15.6439

■ 87.5883, 85.0766,
106.4128

■ 38.6214, 61.8614,
12.4895

■ 36.4774, 60.7952,
10.6226

■ 34.7272, 59.9108,
9.7336

Harmonies

Analogous

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



67.7382, 73.1761, 50.7512



62.4021, 73.1761, 56.1829



59.1175, 73.1761, 68.1375

Triad

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



62.4021, 73.1761, 56.1829



65.3964, 73.1761, 115.5298



81.8648, 73.1761, 74.5509

Complementary

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



62.4021, 73.1761, 56.1829



57.4389, 53.4061, 82.1479

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.



81.1466, 73.1761, 92.4494



62.4021, 73.1761, 56.1829



71.3973, 73.1761, 117.9166

Square

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



62.4021, 73.1761, 56.1829



60.7744, 73.1761, 102.8365



77.2275, 73.1761, 108.9467



79.1359, 73.1761, 60.2840

Rectangle

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



62.4021, 73.1761, 56.1829



58.4143, 73.1761, 79.0439



77.2275, 73.1761, 108.9467



82.0217, 73.1761, 80.3121

Sweetspot

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



62.4040, 73.1793, 56.1845



89.8072, 97.5706, 96.3043



63.7867, 65.2845, 54.5878



19.1043, 20.8293, 20.3328



0.0000, 0.0000, 0.0000



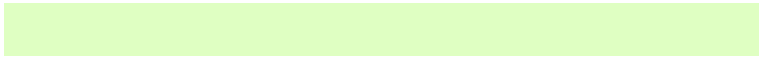
20.3446, 21.4041, 23.3091

Same Dimension

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



62.4040, 73.1793, 56.1845



75.9268, 91.1045, 64.5044



56.7985, 70.2802, 56.3429



14.8417, 16.4255, 15.2926



19.7990, 33.9882, 5.5169



1.5698, 2.5666, 0.4127

Inverse Universe

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



57.4389, 53.4061, 82.1479



68.5781, 61.8404, 102.9297



63.9519, 56.7762, 81.8918



14.2968, 14.2552, 18.1423



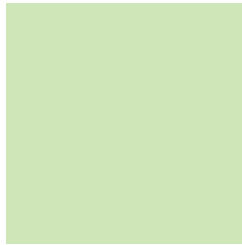
12.6147, 5.5690, 42.7932



1.0393, 0.4668, 3.1673

Previews

White Background



This preview shows how the XYZ color 62.4021, 73.1761, 56.1829 looks on a white background.

Color Contrast Check

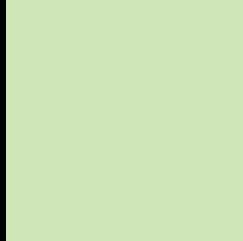
Large Text (above 18pt) WCAG AA × Fail

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 62.4021, 73.1761, 56.1829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

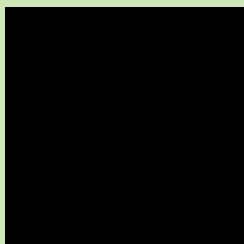
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

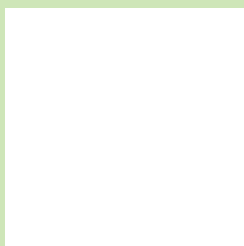
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.4021, 73.1761, 56.1829

Background



This preview shows how black text looks on a background with the XYZ color 62.4021, 73.1761, 56.1829.

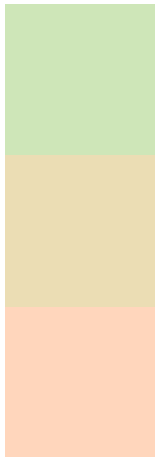


This preview shows how white text looks on a background with the XYZ color 62.4021, 73.1761,

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

62.4021, 73.1761, 56.1829

Protanopia

68.3556, 72.6704, 53.6041

Deuteranopia

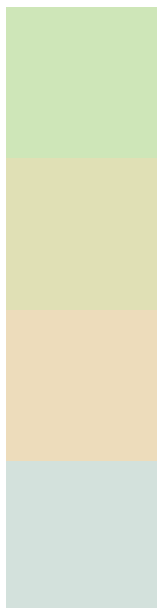
74.3637, 72.9840, 57.7449



Tritanopia

69.5810, 72.8300, 92.8284

Trichromacy



Original Color

62.4021, 73.1761, 56.1829

Protanomaly

65.7366, 72.4948, 54.2443

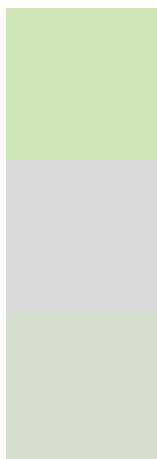
Deuteranomaly

69.4879, 72.7788, 57.3990

Tritanomaly

66.7074, 72.8666, 78.2590

Monochromacy



Original Color

62.4021, 73.1761, 56.1829

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

64.9934, 70.9949, 68.6704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4021, 73.1761, 56.1829 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(206, 230, 184)` looks like.

```
.text, #text, p{  
    color:rgb(206, 230, 184)  
}
```

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(206, 230, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 230, 184) }
```

Border

The CSS property to change the border of an element to XYZ 62.4021, 73.1761, 56.1829 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(206, 230, 184) }
```


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

```
.border{ border-color:rgb(206, 230, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 230, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 230, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 230, 184);  
box-shadow:4px 4px 4px 4px rgb(206, 230,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4021, 73.1761, 56.1829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 230, 184) }
```

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

```
.background{ background-color: rgb(206,  
230, 184) }
```

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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