

Converting Colors

XYZ(62.0364, 70.2352, 56.0591)

Have a look what the booklet for
XYZ(62.0364, 70.2352, 56.0591)
contains.

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Color

**XYZ(62.0086, 70.1270,
56.1666)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DFB9
RGB	211, 223, 185
RGB Percent	83%, 87%, 73%
CMY	0.1725, 0.1255, 0.2745
CMYK	0.05, 0.00, 0.17, 0.13
HSL	79°, 37%, 80%
HSV	79°, 17%, 87%
XYZ	62.0086, 70.1270, 56.1666
YIQ	215.0800, 5.0460, -14.3620

Conversions

Conversions Part 2

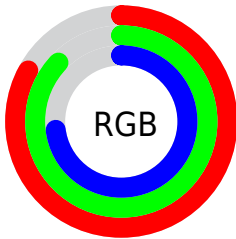
Format	Color
RYB	185, 223, 197
Decimal	13885369
CIELab	87.06, -10.57, 17.29
CIELCh	87, 20.263, 121.437
Yxy	70.1270, 0.3293, 0.3724
Android (android.graphics.Color)	4292075449 (0xFFD3DFB9)
YUV	215.0800, -14.8294, -3.5782
Hunter-Lab	83.7419, -14.3738, 18.8528

Details

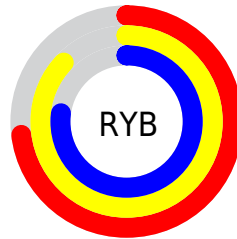
The XYZ color **62.0086, 70.1270, 56.1666** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.6969, 51.8979, 77.0029**, and the grayscale version is **64.7420, 68.1136, 74.1757**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **31.8778, 36.7391, 27.2410** is the 20% darker color. If you saturate the color by 10%, you get **57.8632, 68.2431, 44.6327**, and if you desaturate by 10%, it is **66.6155, 72.2104, 69.6525**.

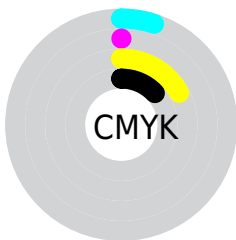
Distribution



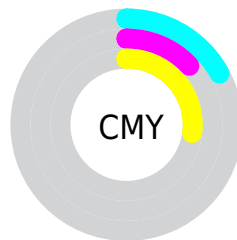
- Red (83%)
- Green (87%)
- Blue (73%)



- Red (73%)
- Yellow (87%)
- Blue (77%)



- Cyan (5%)
- Magenta (0%)
- Yellow (17%)
- Black (13%)





- Cyan (17%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0086, 70.1270, 56.1666 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 62.0086, 70.1270, 56.1666 by changing the saturation by 10% instead.


 62.0086, 70.1270,
56.1666

 62.0086, 70.1270,
56.1666


421.6795,
460.9958, 427.7250

 45.2953, 51.6301,
39.9316


 106.8278,
119.3898, 100.7363

 31.8923, 36.7103,
27.1719


135.6644,
150.9246, 129.9082

 21.4344, 24.9833,
17.4688


169.2729,
187.5740, 164.2294

 13.5562, 16.0646,
10.4038

208.0184,
229.7225, 204.1185

 7.8923, 9.5699,
5.5584

252.2665,
277.7546, 249.9941

 4.0773, 5.1147,
2.5141

302.3825,

 1.7460, 2.3147,

332.0546, 302.2747

0.8476

358.7317,
393.0068, 361.3788

■ 0.4848, 0.7815,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0086, 70.1270,
56.1666

■ 62.0086, 70.1270,
56.1666

■ 57.8632, 68.2431,
44.6327

■ 66.6155, 72.2104,
69.6525

■ 54.1554, 66.5420,
34.9558

■ 71.6955, 74.4910,
85.1703

■ 50.8674, 65.0188,
27.0397

■ 77.2666, 76.9785,
102.8012

■ 47.9778, 63.6647,
20.7779

■ 80.0958, 78.3799,
105.5151

■ 45.4630, 62.4703,
16.0523

■ 82.5231, 79.6312,
105.6287

■ 43.2965, 61.4248,
12.7292

■ 85.0441, 80.9308,
105.7466

■ 41.4473, 60.5155,
10.6520

■ 85.6791, 81.2582,
105.7764

■ 39.8752, 59.7263,
9.6162

■ 39.4436, 59.5081,
9.4073

Harmonies

Analogous

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



66.4251, 70.1270, 53.1061



62.0086, 70.1270, 56.1666



58.9592, 70.1270, 64.5353

Triad

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



62.0086, 70.1270, 56.1666



62.3870, 70.1270, 101.6743



76.1941, 70.1270, 75.7031

Complementary

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



62.0086, 70.1270, 56.1666



53.6969, 51.8979, 77.0029

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.



74.9900, 70.1270, 89.5395



62.0086, 70.1270, 56.1666



66.8826, 70.1270, 105.5609

Square

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



62.0086, 70.1270, 56.1666



59.1702, 70.1270, 90.8073



71.5250, 70.1270, 100.8833



74.7428, 70.1270, 63.5261

Rectangle

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



62.0086, 70.1270, 56.1666



58.0348, 70.1270, 72.5326



71.5250, 70.1270, 100.8833



76.0861, 70.1270, 80.3123

Sweetspot

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



62.0105, 70.1301, 56.1681



91.5984, 98.4500, 98.3764



59.0211, 58.8535, 54.1491



19.5048, 21.0269, 20.7522



0.0000, 0.0000, 0.0000



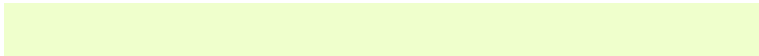
20.3446, 21.4041, 23.3091

Same Dimension

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



62.0105, 70.1301, 56.1681



82.2186, 94.2113, 70.9779



57.0374, 67.5663, 55.9354



14.4287, 15.8011, 14.5962



23.3129, 35.0507, 5.5368



1.7073, 2.4766, 0.3881

Inverse Universe

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



53.6969, 51.8979, 77.0029



69.1913, 65.6385, 103.6305



58.8126, 54.5351, 77.2424



13.3575, 13.4523, 17.2802



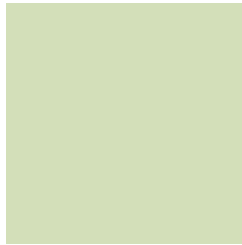
9.4390, 3.9613, 41.3155



0.7448, 0.3213, 2.8680

Previews

White Background



This preview shows how the XYZ color 62.0086, 70.1270, 56.1666 looks on a white background.

Color Contrast Check

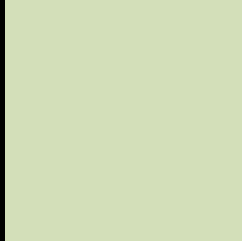
Large Text (above 18pt) WCAG AA × Fail

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 62.0086, 70.1270, 56.1666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

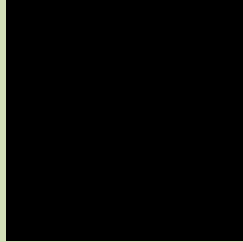
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

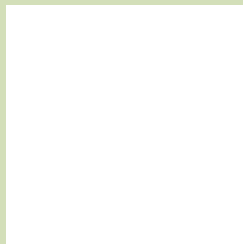
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.0086, 70.1270, 56.1666

Background



This preview shows how black text looks on a background with the XYZ color 62.0086, 70.1270, 56.1666.



This preview shows how white text looks on a background with the XYZ color 62.0086, 70.1270,

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

62.0086, 70.1270, 56.1666

Protanopia

65.8895, 69.8261, 54.2610

Deuteranopia

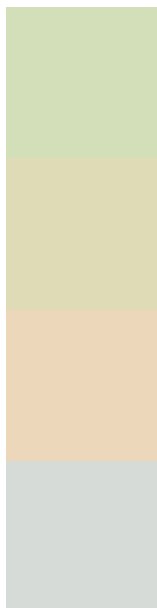
71.5480, 70.0480, 57.3266



Tritanopia

68.1773, 69.9004, 86.9896

Trichromacy



Original Color

62.0086, 70.1270, 56.1666

Protanomaly

64.3102, 69.7699, 54.8772

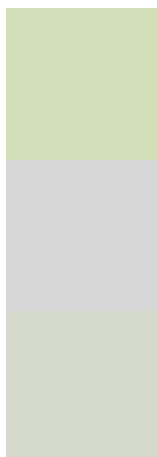
Deuteranomaly

67.8622, 70.0216, 56.9525

Tritanomaly

65.7505, 70.0680, 75.0248

Monochromacy



Original Color

62.0086, 70.1270, 56.1666

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.7020, 68.7986, 67.0487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0086, 70.1270, 56.1666 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(211, 223, 185)` looks like.

```
.text, #text, p{  
    color:rgb(211, 223, 185)  
}
```

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(211, 223, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 223, 185) }
```

Border

The CSS property to change the border of an element to XYZ 62.0086, 70.1270, 56.1666 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(211, 223, 185) }
```


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

```
.border{ border-color:rgb(211, 223, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 223, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 223, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 223, 185); box-shadow:4px 4px 4px 4px rgb(211, 223, 185) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0086, 70.1270, 56.1666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 223, 185) }
```

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

```
.background{ background-color: rgb(211,  
223, 185) }
```

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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