

Converting Colors

XYZ(67.1025, 75.1873, 56.3233)

Have a look what the booklet for
XYZ(67.1025, 75.1873, 56.3233)
contains.

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Color

**XYZ(67.1025, 75.1873,
56.3233)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE5B8
RGB	223, 229, 184
RGB Percent	87%, 90%, 72%
CMY	0.1255, 0.1019, 0.2784
CMYK	0.03, 0.00, 0.20, 0.10
HSL	68°, 46%, 81%
HSV	68°, 20%, 90%
XYZ	67.1025, 75.1873, 56.3233
YIQ	222.0760, 10.8690, -15.2670

Conversions

Conversions Part 2

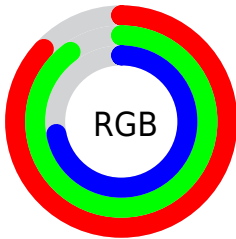
Format	Color
RYB	184, 229, 190
Decimal	14673336
CIELab	89.48, -9.44, 21.31
CIELCh	89, 23.313, 113.894
Yxy	75.1873, 0.3379, 0.3786
Android (android.graphics.Color)	4292863416 (0xFFDFE5B8)
YUV	222.0760, -18.7715, 0.8103
Hunter-Lab	86.7106, -13.6083, 22.1853

Details

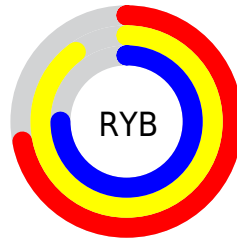
The XYZ color **67.1025, 75.1873, 56.3233** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.5214, 50.8872, 81.1869**, and the grayscale version is **69.6096, 73.2347, 79.7526**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **35.3812, 40.2356, 27.3742** is the 20% darker color. If you saturate the color by 10%, you get **63.9615, 73.8256, 44.6437**, and if you desaturate by 10%, it is **70.6532, 76.7198, 70.0536**.

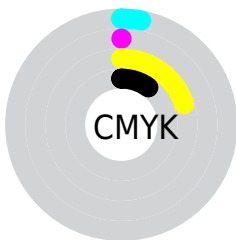
Distribution



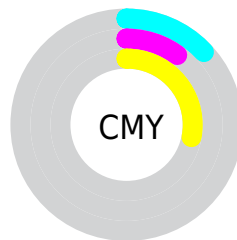
- Red (87%)
- Green (90%)
- Blue (72%)



- Red (72%)
- Yellow (90%)
- Blue (75%)



- Cyan (3%)
- Magenta (0%)
- Yellow (20%)
- Black (10%)



- Cyan (13%)
- Magenta (10%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1025, 75.1873, 56.3233 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 67.1025, 75.1873, 56.3233 by changing the saturation by 10% instead.

■ 67.1025, 75.1873,
56.3233

■ 67.1025, 75.1873,
56.3233

439.7363,
478.5611, 428.3312

■ 49.4389, 55.7663,
40.0565

■ 114.1163,
126.5775, 100.9676

■ 35.1838, 40.0156,
27.2684

144.1972,
159.3155, 130.1822

■ 23.9716, 27.5507,
17.5407

179.1479,
197.2612, 164.5497

■ 15.4372, 17.9873,
10.4547

219.3338,
240.7992, 204.4888

■ 9.2151, 10.9408,
5.5920

265.1202,
290.3138, 250.4180

■ 4.9400, 6.0271,
2.5339

316.8725,

■ 2.2465, 2.8615,

346.1894, 302.7557

0.8580

374.9561,
408.8104, 361.9206

0.7671, 1.0599,
0.0000

0.0000, 0.0000,
0.0000

67.1025, 75.1873,
56.3233

67.1025, 75.1873,
56.3233

63.9615, 73.8256,
44.6437

70.6532, 76.7198,
70.0536

61.2053, 72.6173,
34.9117

74.6250, 78.4203,
85.9214

58.8158, 71.5576,
27.0225

79.0365, 80.2986,
104.0146

56.7707, 70.6376,
20.8594

80.4056, 80.9619,
105.9971

■ 55.0451, 69.8474,
16.2925

■ 81.4245, 81.4872,
106.0448

■ 53.6110, 69.1756,
13.1737

■ 82.4608, 82.0214,
106.0933

■ 52.4347, 68.6089,
11.3270

■ 83.5146, 82.5647,
106.1426

■ 51.4608, 68.1249,
10.4601

■ 84.5860, 83.1170,
106.1928

■ 51.4282, 68.1087,
10.4357

■ 85.6751, 83.6785,
106.2437

Harmonies

Analogous

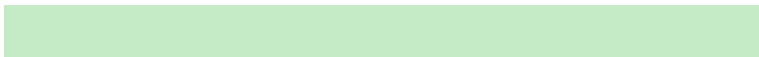
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.6390, 75.1873, 54.3825



67.1025, 75.1873, 56.3233



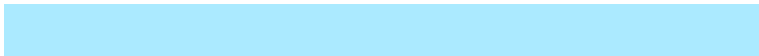
62.9447, 75.1873, 64.6800

Triad

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



67.1025, 75.1873, 56.3233



65.1791, 75.1873, 110.0273



82.9606, 75.1873, 85.2609

Complementary

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



67.1025, 75.1873, 56.3233



52.5214, 50.8872, 81.1869

Split Complementary

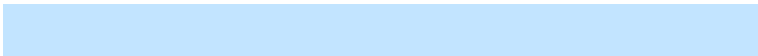
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.7178, 75.1873, 101.8552



67.1025, 75.1873, 56.3233



70.3003, 75.1873, 117.3301

Square

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



67.1025, 75.1873, 56.3233



61.8763, 75.1873, 95.2917



76.0090, 75.1873, 114.1563



81.9926, 75.1873, 69.7649

Rectangle

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



67.1025, 75.1873, 56.3233



61.4136, 75.1873, 73.4392



76.0090, 75.1873, 114.1563



82.5535, 75.1873, 90.9144

Sweetspot

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



67.1045, 75.1906, 56.3249



91.9365, 98.6683, 96.4039



59.3808, 56.9477, 53.2107



19.6083, 21.0891, 20.3564



0.0000, 0.0000, 0.0000



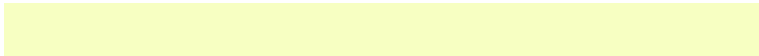
20.3446, 21.4041, 23.3091

Same Dimension

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



67.1045, 75.1906, 56.3249



83.7744, 95.1501, 64.8717



60.6269, 71.8513, 56.0218



15.4025, 16.7146, 15.3189



29.4768, 38.9774, 5.9698



2.2309, 2.9075, 0.4436

Inverse Universe

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



52.5214, 50.8872, 81.1869



61.6452, 58.2664, 102.6052



58.5815, 54.0113, 81.4705



13.7607, 13.9789, 18.1173



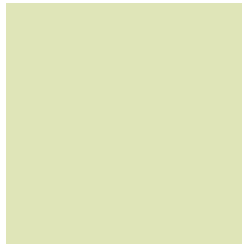
8.4585, 3.4264, 42.5987



0.6827, 0.2829, 3.1506

Previews

White Background



This preview shows how the XYZ color 67.1025, 75.1873, 56.3233 looks on a white background.

Color Contrast Check

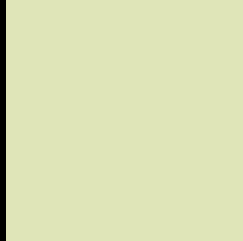
Large Text (above 18pt) WCAG AA × Fail

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 67.1025, 75.1873, 56.3233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

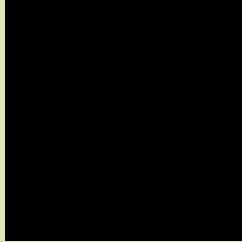
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

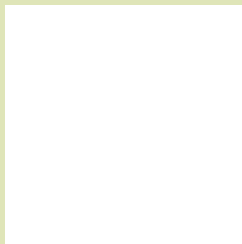
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.1025, 75.1873, 56.3233

Background



This preview shows how black text looks on a background with the XYZ color 67.1025, 75.1873, 56.3233.



This preview shows how white text looks on a background with the XYZ color 67.1025, 75.1873,

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

67.1025, 75.1873, 56.3233

Protanopia

70.3590, 74.8659, 54.9982

Deuteranopia

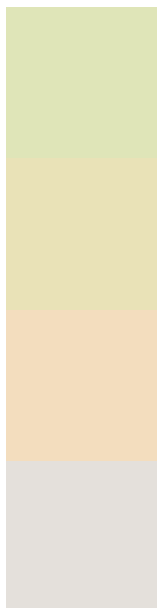
75.6785, 74.7360, 60.8889



Tritanopia

74.3914, 74.9338, 92.2042

Trichromacy



Original Color

67.1025, 75.1873, 56.3233

Protanomaly

69.3479, 75.1352, 55.6473

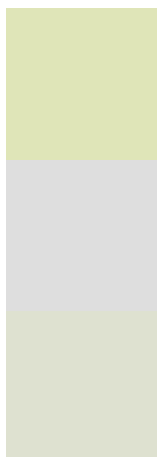
Deuteranomaly

72.1129, 74.4853, 59.2915

Tritanomaly

71.4367, 74.9198, 77.7137

Monochromacy



Original Color

67.1025, 75.1873, 56.3233

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.4346, 73.9341, 70.3383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1025, 75.1873, 56.3233 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(223, 229, 184)` looks like.

```
.text, #text, p{  
    color:rgb(223, 229, 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(223, 229, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 229, 184) }
```

Border

The CSS property to change the border of an element to XYZ 67.1025, 75.1873, 56.3233 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(223, 229, 184) }
```


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

```
.border{ border-color:rgb(223, 229, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 229, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 229, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 229, 184);  
box-shadow:4px 4px 4px 4px rgb(223, 229,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1025, 75.1873, 56.3233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 229, 184) }
```

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

```
.background{ background-color: rgb(223,  
229, 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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