

Converting Colors

XYZ(67.6173, 72.6107, 56.9058)

Have a look what the booklet for
XYZ(67.6173, 72.6107, 56.9058)
contains.

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Color

**XYZ(67.6173, 72.6107,
56.9058)**

Conversions

Conversions Part 1

Format	Color
Hex	E6DEBA
RGB	230, 222, 186
RGB Percent	90%, 87%, 73%
CMY	0.0980, 0.1294, 0.2706
CMYK	0.00, 0.03, 0.19, 0.10
HSL	49°, 47%, 82%
HSV	49°, 19%, 90%
XYZ	67.6173, 72.6107, 56.9058
YIQ	220.2880, 16.3240, -9.5000

Conversions

Conversions Part 2

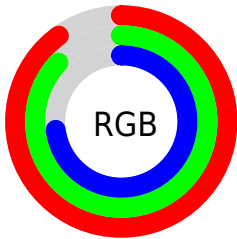
Format	Color
R_{YB}	196, 230, 186
Decimal	15130298
CIE _{Lab}	88.26, -3.05, 18.66
CIE _{LCh}	88, 18.910, 99.291
Yxy	72.6107, 0.3430, 0.3683
Android (android.graphics.Color)	4293320378 (0xFFE6DEBA)
YUV	220.2880, -16.9040, 8.5174
Hunter-Lab	85.2119, -7.4776, 20.0536

Details

The XYZ color **67.6173, 72.6107, 56.9058** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.8242, 54.7346, 82.5913**, and the grayscale version is **68.3367, 71.8955, 78.2942**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **35.5079, 38.3296, 27.7172** is the 20% darker color. If you saturate the color by 10%, you get **64.2708, 69.5204, 44.6825**, and if you desaturate by 10%, it is **71.3888, 75.9200, 71.2142**.

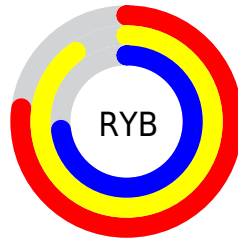
Distribution



Red (90%)

Green (87%)

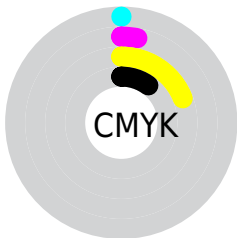
Blue (73%)



Red (77%)

Yellow (90%)

Blue (73%)

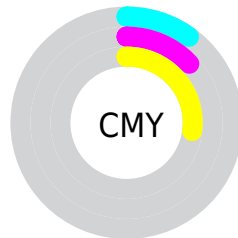


Cyan (0%)

Magenta (3%)

Yellow (19%)

Black (10%)



Cyan (10%)

Magenta (13%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6173, 72.6107, 56.9058 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 67.6173, 72.6107, 56.9058 by changing the saturation by 10% instead.

67.6173, 72.6107,
56.9058

67.6173, 72.6107,
56.9058

441.5369,
469.6644, 430.5801

49.8590, 53.6577,
40.5208

114.8494,
122.9244, 101.8267

35.5187, 38.3281,
27.6279

145.0539,
155.0539, 131.1996

24.2311, 26.2374,
17.8088

180.1379,
192.3443, 165.7389

15.6308, 17.0013,
10.6448

220.4667,
235.1801, 205.8632

9.3525, 10.2354,
5.7174

266.4056,
283.9456, 251.9909

5.0307, 5.5553,
2.6080

318.3201,

2.3002, 2.5766,

339.0252, 304.5405

0.8966

376.5754,
400.8034, 363.9308

■ 0.7948, 0.9149,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.6173, 72.6107,
56.9058

■ 67.6173, 72.6107,
56.9058

■ 64.2708, 69.5204,
44.6825

■ 71.3888, 75.9200,
71.2142

■ 61.3244, 66.6314,
34.4406

■ 75.5973, 79.4459,
87.6955

■ 58.7598, 63.9384,
26.0745

■ 80.2611, 83.1986,
106.4365

■ 56.5542, 61.4322,
19.4669

■ 81.4687, 85.6138,
106.8390

■ 54.6829, 59.1024,
14.4873

■ 82.7045, 88.0856,
107.2510

■ 53.1173, 56.9374,
10.9869

■ 83.9689, 90.6142,
107.6724

■ 51.8238, 54.9233,
8.7896

■ 85.2619, 93.2002,
108.1034

■ 50.7499, 53.0388,
7.6202

■ 86.4433, 95.5631,
108.4972

■ 50.6610, 52.8786,
7.5365

Harmonies

Analogous

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



72.1410, 72.6107, 57.9439



67.6173, 72.6107, 56.9058



63.6431, 72.6107, 61.2804

Triad

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



67.6173, 72.6107, 56.9058



62.4891, 72.6107, 95.9364



77.4881, 72.6107, 88.2158

Complementary

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



67.6173, 72.6107, 56.9058



53.8242, 54.7346, 82.5913

Split Complementary

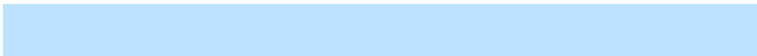
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.6794, 72.6107, 99.9851



67.6173, 72.6107, 56.9058



65.9792, 72.6107, 104.7703

Square

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



67.6173, 72.6107, 56.9058



60.7689, 72.6107, 83.1577



70.4304, 72.6107, 106.3279



77.9737, 72.6107, 75.1006

Rectangle

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



67.6173, 72.6107, 56.9058



61.7918, 72.6107, 66.9916



70.4304, 72.6107, 106.3279



76.7787, 72.6107, 92.4988

Sweetspot

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



67.6192, 72.6139, 56.9073



91.8031, 97.2925, 96.1454



59.9379, 55.8398, 58.6982



19.5767, 20.7628, 20.2951



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.



67.6192, 72.6139, 56.9073



83.6977, 90.1695, 65.4268



65.4990, 74.7484, 57.4311



15.3672, 16.3483, 15.2501



28.7640, 30.1022, 4.2943



2.1838, 2.3409, 0.3367

Inverse Universe

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



53.8242, 54.7346, 82.5913



63.2206, 63.6318, 103.5578



55.6443, 53.1021, 82.1803



13.7936, 14.3086, 18.1792



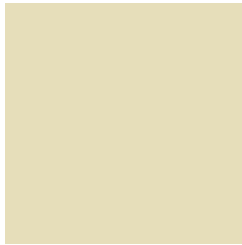
8.6145, 4.2911, 42.7574



0.6981, 0.4402, 3.1801

Previews

White Background



This preview shows how the XYZ color 67.6173, 72.6107, 56.9058 looks on a white background.

Color Contrast Check

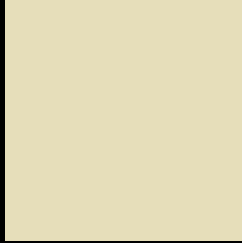
Large Text (above 18pt) WCAG AA × Fail

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 67.6173, 72.6107, 56.9058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

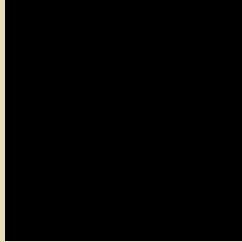
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.6173, 72.6107, 56.9058

Background



This preview shows how black text looks on a background with the XYZ color 67.6173, 72.6107, 56.9058.



This preview shows how white text looks on a background with the XYZ color 67.6173, 72.6107,

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

67.6173, 72.6107, 56.9058

Protanopia

68.2177, 72.5393, 56.3050

Deuteranopia

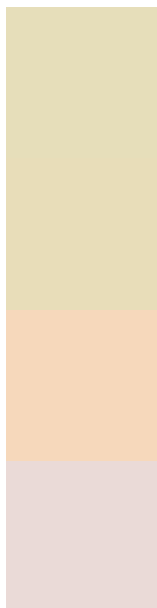
74.1114, 72.4793, 57.6608



Tritanopia

73.4580, 72.2599, 86.4198

Trichromacy



Original Color

67.6173, 72.6107, 56.9058

Protanomaly

67.8921, 72.3715, 56.2897

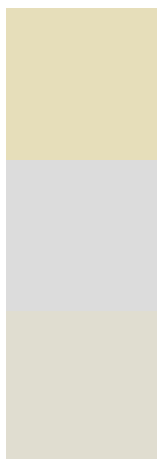
Deuteranomaly

71.5315, 72.2924, 57.1974

Tritanomaly

71.2688, 72.5415, 74.5356

Monochromacy



Original Color

67.6173, 72.6107, 56.9058

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.9821, 72.1143, 70.0109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6173, 72.6107, 56.9058 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(230, 222, 186)` looks like.

```
.text, #text, p{  
    color:rgb(230, 222, 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(230, 222, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 222, 186) }
```

Border

The CSS property to change the border of an element to XYZ 67.6173, 72.6107, 56.9058 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(230, 222, 186) }
```


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

```
.border{ border-color:rgb(230, 222, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 222, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 222, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 222, 186); box-shadow:4px 4px 4px 4px rgb(230, 222, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6173, 72.6107, 56.9058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 222, 186) }
```

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

```
.background{ background-color: rgb(230,  
222, 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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