

Converting Colors

XYZ(70.5445, 75.1433, 56.4292)

Have a look what the booklet for
XYZ(70.5445, 75.1433, 56.4292)
contains.

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Color

**XYZ(70.6072, 75.3577,
56.7230)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE1B9
RGB	237, 225, 185
RGB Percent	93%, 88%, 73%
CMY	0.0706, 0.1176, 0.2745
CMYK	0.00, 0.05, 0.22, 0.07
HSL	46°, 59%, 83%
HSV	46°, 22%, 93%
XYZ	70.6072, 75.3577, 56.7230
YIQ	224.0280, 19.9920, -9.8960

Conversions

Conversions Part 2

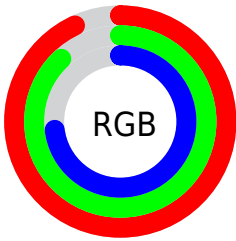
Format	Color
R _Y B	201, 237, 185
Decimal	15589817
CIE Lab	89.56, -2.17, 21.07
CIE LCh	90, 21.184, 95.868
Yxy	75.3577, 0.3484, 0.3718
Android (android.graphics.Color)	4293779897 (0xFFEDE1B9)
YUV	224.0280, -19.2408, 11.3764
Hunter-Lab	86.8088, -6.7299, 22.0246

Details

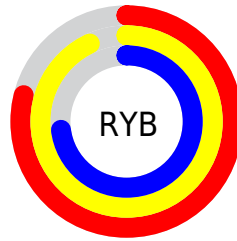
The XYZ color **70.6072, 75.3577, 56.7230** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55.2596, 56.3599, 88.0872**, and the grayscale version is **70.9964, 74.6937, 81.3414**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **37.5956, 40.2392, 27.6152** is the 20% darker color. If you saturate the color by 10%, you get **66.8573, 71.5332, 44.1414**, and if you desaturate by 10%, it is **74.8255, 79.4505, 71.5200**.

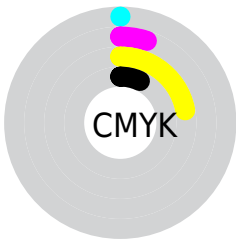
Distribution



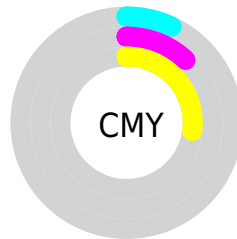
- Red (93%)
- Green (88%)
- Blue (73%)



- Red (79%)
- Yellow (93%)
- Blue (73%)



- Cyan (0%)
- Magenta (5%)
- Yellow (22%)
- Black (7%)





- Cyan (7%)
- Magenta (12%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.6072, 75.3577, 56.7230 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 70.6072, 75.3577, 56.7230 by changing the saturation by 10% instead.


 70.6072, 75.3577,
56.7230

 70.6072, 75.3577,
56.7230

451.9124,
479.1461, 429.8752

 52.3031, 55.9060,
40.3750


 119.0958,
126.8186, 101.5572

 37.4720, 40.1275,
27.5150


150.0110,
159.5965, 130.8805

 25.7485, 27.6380,
17.7246


185.8606,
197.5853, 165.3660

 16.7673, 18.0530,
10.5850

227.0100,
241.1694, 205.4322

 10.1630, 10.9880,
5.6779

273.8245,
290.7331, 251.4977

 5.5702, 6.0588,
2.5846

326.6695,

 2.6237, 2.8809,

346.6609, 303.9810

0.8845

385.9103,
409.3371, 363.3006

■ 0.9581, 1.0698,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.6072, 75.3577,
56.7230

■ 70.6072, 75.3577,
56.7230

■ 66.8573, 71.5332,
44.1414

■ 74.8255, 79.4505,
71.5200

■ 63.5487, 67.9577,
33.6616

■ 79.5260, 83.8099,
88.6291

■ 60.6606, 64.6246,
25.1669

■ 84.5510, 88.3763,
107.2097

■ 58.1679, 61.5234,
18.5273

■ 86.1974, 91.6689,
107.7585

■ 56.0425, 58.6419,
13.5974

■ 87.8927, 95.0595,
108.3236

■ 54.2522, 55.9666,
10.2097

■ 88.7352, 96.7446,
108.6045

■ 52.7583, 53.4813,
8.1629

■ 51.7211, 51.5963,
7.2331

Harmonies

Analogous

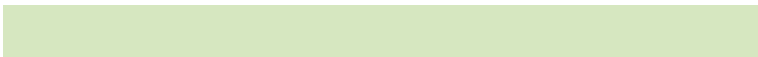
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.7937, 75.3577, 58.5832



70.6072, 75.3577, 56.7230



65.9219, 75.3577, 60.9547

Triad

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



70.6072, 75.3577, 56.7230



63.8201, 75.3577, 100.0104



81.1487, 75.3577, 94.3317

Complementary

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



70.6072, 75.3577, 56.7230



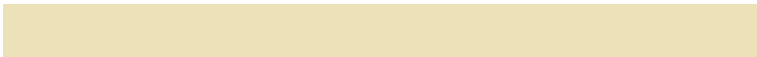
55.2596, 56.3599, 88.0872

Split Complementary

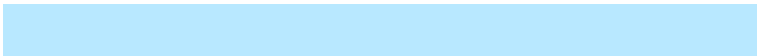
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.6484, 75.3577, 107.5288



70.6072, 75.3577, 56.7230



67.6125, 75.3577, 111.0753

Square

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



70.6072, 75.3577, 56.7230



62.1272, 75.3577, 85.0162



72.6530, 75.3577, 113.9806



82.0451, 75.3577, 79.1570

Rectangle

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



70.6072, 75.3577, 56.7230



63.6592, 75.3577, 67.0026



72.6530, 75.3577, 113.9806



80.2296, 75.3577, 99.2008

Sweetspot

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



70.6092, 75.3611, 56.7246



91.0085, 96.3042, 94.0276



62.3681, 56.7407, 60.5693



19.4079, 20.5465, 19.8652



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.



70.6092, 75.3611, 56.7246



81.4665, 87.0686, 60.4857



69.5143, 79.7808, 57.6354



16.0403, 17.0035, 15.9553



28.3420, 28.3782, 3.9838



2.2971, 2.3714, 0.3367

Inverse Universe

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



55.2596, 56.3599, 88.0872



60.5533, 61.1832, 103.2258



56.1537, 52.9372, 87.3795



14.5131, 15.1127, 19.0744



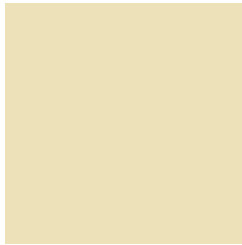
9.1652, 4.9774, 44.2206



0.7911, 0.5337, 3.4962

Previews

White Background



This preview shows how the XYZ color 70.6072, 75.3577, 56.7230 looks on a white background.

Color Contrast Check

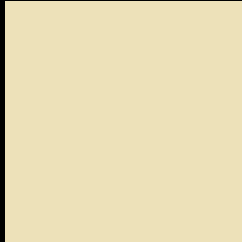
Large Text (above 18pt) WCAG AA × Fail

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 70.6072, 75.3577, 56.7230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

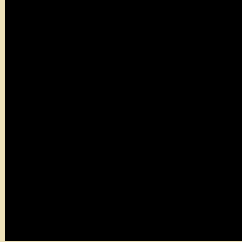
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

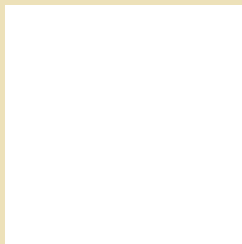
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.6072, 75.3577, 56.7230

Background



This preview shows how black text looks on a background with the XYZ color 70.6072, 75.3577, 56.7230.

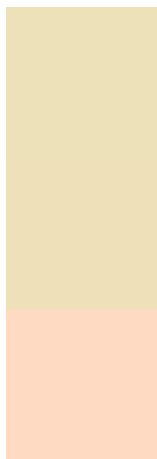


This preview shows how white text looks on a background with the XYZ color 70.6072, 75.3577,

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

70.6072, 75.3577, 56.7230

Protanopia

70.9421, 75.5304, 56.7387

Deuteranopia

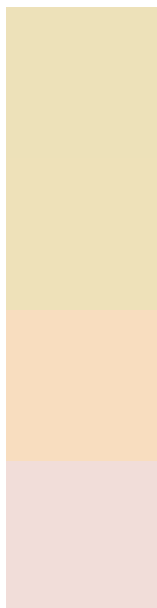
76.0490, 75.2978, 61.5647



Tritanopia

77.0289, 75.1957, 89.0516

Trichromacy



Original Color

70.6072, 75.3577, 56.7230

Protanomaly

70.9421, 75.5304, 56.7387

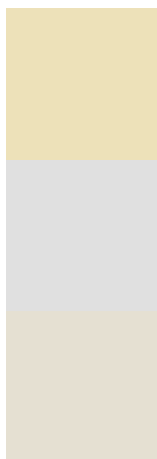
Deuteranomaly

73.9718, 75.4309, 59.9511

Tritanomaly

74.6565, 75.4234, 76.2690

Monochromacy



Original Color

70.6072, 75.3577, 56.7230

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.6016, 74.6225, 71.6552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6072, 75.3577, 56.7230 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(237, 225, 185)` looks like.

```
.text, #text, p{  
    color:rgb(237, 225, 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(237, 225, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 225, 185) }
```

Border

The CSS property to change the border of an element to XYZ 70.6072, 75.3577, 56.7230 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(237, 225, 185) }
```


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

```
.border{ border-color:rgb(237, 225, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 225, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 225, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 225, 185);  
box-shadow:4px 4px 4px 4px rgb(237, 225,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6072, 75.3577, 56.7230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 225, 185) }
```

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

```
.background{ background-color: rgb(237,  
225, 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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