

Converting Colors

XYZ(71.1511, 76.4455, 56.9043)

Have a look what the booklet for
XYZ(71.1511, 76.4455, 56.9043)
contains.

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Color

**XYZ(71.1511, 76.4455,
56.9043)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE3B9
RGB	237, 227, 185
RGB Percent	93%, 89%, 73%
CMY	0.0706, 0.1098, 0.2745
CMYK	0.00, 0.04, 0.22, 0.07
HSL	48°, 59%, 83%
HSV	48°, 22%, 93%
XYZ	71.1511, 76.4455, 56.9043
YIQ	225.2020, 19.4420, -10.9420

Conversions

Conversions Part 2

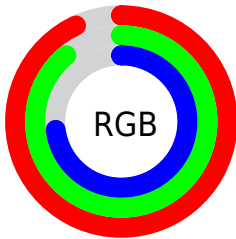
Format	Color
R _Y B	197, 237, 185
Decimal	15590329
CIE Lab	90.07, -3.19, 21.77
CIE LCh	90, 22.005, 98.322
Yxy	76.4455, 0.3479, 0.3738
Android (android.graphics.Color)	4293780409 (0xFFE3B9)
YUV	225.2020, -19.8196, 10.3468
Hunter-Lab	87.4331, -7.7487, 22.6153

Details

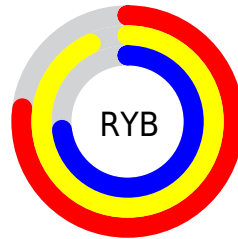
The XYZ color **71.1511, 76.4455, 56.9043** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **54.8085, 55.4576, 87.9368**, and the grayscale version is **71.8433, 75.5848, 82.3118**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **37.9734, 40.9947, 27.7412** is the 20% darker color. If you saturate the color by 10%, you get **67.6260, 73.0708, 44.3977**, and if you desaturate by 10%, it is **75.1302, 80.0599, 71.6216**.

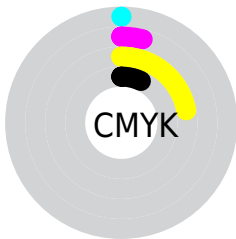
Distribution



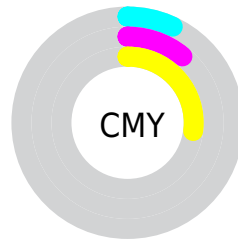
- Red (93%)
- Green (89%)
- Blue (73%)



- Red (77%)
- Yellow (93%)
- Blue (73%)



- Cyan (0%)
- Magenta (4%)
- Yellow (22%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.1511, 76.4455, 56.9043 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 71.1511, 76.4455, 56.9043 by changing the saturation by 10% instead.

71.1511, 76.4455,
56.9043

71.1511, 76.4455,
56.9043

453.7851,
482.8714, 430.5743

52.7485, 56.7979,
40.5196

119.8662,
128.3565, 101.8245

37.8287, 40.8430,
27.6270

150.9094,
161.3886, 131.1970

26.0264, 28.1964,
17.8081

186.8968,
199.6510, 165.7359

16.9762, 18.4738,
10.6443

228.1939,
243.5281, 205.8596

10.3127, 11.2907,
5.7170

275.1659,
293.4043, 251.9868

5.6706, 6.2627,
2.6078

328.1782,

2.6846, 3.0055,

349.6640, 304.5360

0.8965

387.5961,
412.6915, 363.9256

■ 0.9893, 1.1346,
0.0000

■ 0.0000, 0.0073,
0.0000

■ 71.1511, 76.4455,
56.9043

■ 71.1511, 76.4455,
56.9043

■ 67.6260, 73.0708,
44.3977

■ 75.1302, 80.0599,
71.6216

■ 64.5282, 69.9166,
33.9881

■ 79.5769, 83.9118,
88.6461

■ 61.8368, 66.9770,
25.5590

■ 84.3335, 87.9412,
107.1372

■ 59.5270, 64.2416,
18.9804

■ 85.6964, 90.6671,
107.5915

■ 57.5709, 61.6987,
14.1069

■ 87.0933, 93.4608,
108.0572

■ 55.9365, 59.3353,
10.7711

■ 88.5244, 96.3229,
108.5342

■ 54.5854, 57.1354,
8.7719

■ 88.7352, 96.7446,
108.6045

■ 53.6537, 55.4616,
7.8773

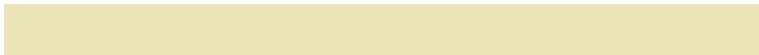
Harmonies

Analogous

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



76.6040, 76.4455, 58.3195



71.1511, 76.4455, 56.9043



66.3456, 76.4455, 61.8181

Triad

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



71.1511, 76.4455, 56.9043



64.7349, 76.4455, 103.2931



82.8515, 76.4455, 94.8359

Complementary

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



71.1511, 76.4455, 56.9043



54.8085, 55.4576, 87.9368

Split Complementary

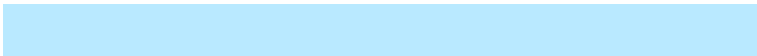
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.3611, 76.4455, 109.1051



71.1511, 76.4455, 56.9043



68.8522, 76.4455, 114.3975

Square

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



71.1511, 76.4455, 56.9043



62.7644, 76.4455, 87.6615



74.1884, 76.4455, 116.6479



83.5427, 76.4455, 78.9623

Rectangle

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



71.1511, 76.4455, 56.9043



64.0912, 76.4455, 68.4330



74.1884, 76.4455, 116.6479



81.9586, 76.4455, 100.0335

Sweetspot

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



71.1531, 76.4489, 56.9059



91.2232, 96.7337, 94.0992



62.1704, 56.6616, 59.5282



19.4577, 20.6461, 19.8818



0.0000, 0.0000, 0.0000



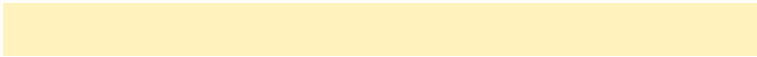
20.3446, 21.4041, 23.3091

Same Dimension

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



71.1531, 76.4489, 56.9059



82.2213, 88.5783, 60.7373



68.9825, 79.5067, 57.6105



16.0916, 17.1062, 15.9724



29.3854, 30.4650, 4.3316



2.3705, 2.5184, 0.3612

Inverse Universe

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



54.8085, 55.4576, 87.9368



59.9521, 59.9808, 103.0254



56.6159, 53.1755, 87.4011



14.4655, 15.0175, 19.0585



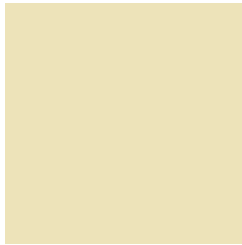
8.9408, 4.5285, 44.1458



0.7671, 0.4856, 3.4882

Previews

White Background



This preview shows how the XYZ color 71.1511, 76.4455, 56.9043 looks on a white background.

Color Contrast Check

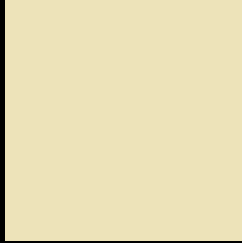
Large Text (above 18pt) WCAG AA × Fail

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 71.1511, 76.4455, 56.9043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

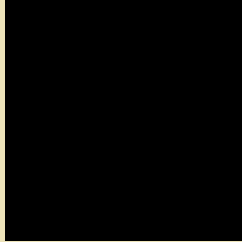
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

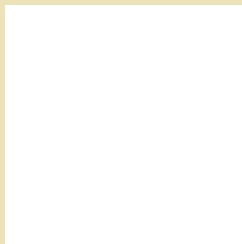
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.1511, 76.4455, 56.9043

Background



This preview shows how black text looks on a background with the XYZ color 71.1511, 76.4455, 56.9043.

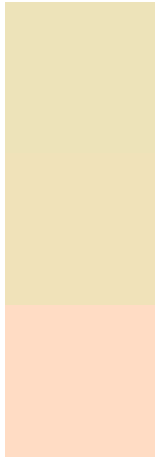


This preview shows how white text looks on a background with the XYZ color 71.1511, 76.4455,

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

71.1511, 76.4455, 56.9043

Protanopia

71.8885, 76.4208, 56.8607

Deuteranopia

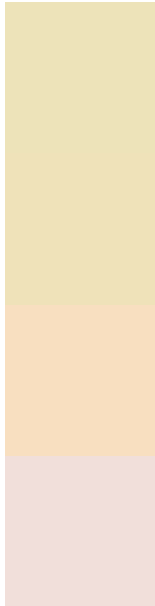
76.7970, 76.4319, 62.9298



Tritanopia

78.1875, 76.5339, 90.7724

Trichromacy



Original Color

71.1511, 76.4455, 56.9043

Protanomaly

71.5499, 76.2462, 56.8448

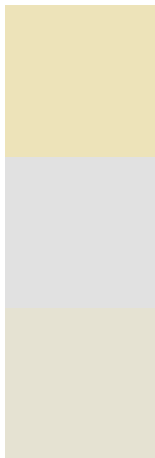
Deuteranomaly

74.6135, 76.5376, 60.7098

Tritanomaly

75.3182, 76.5381, 77.1333

Monochromacy



Original Color

71.1511, 76.4455, 56.9043

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.1423, 75.7039, 71.8355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1511, 76.4455, 56.9043 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, 227, 185)` looks like.

```
.text, #text, p{  
    color:rgb(237, 227, 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, 227, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 227, 185) }
```

Border

The CSS property to change the border of an element to XYZ 71.1511, 76.4455, 56.9043 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, 227, 185) }
```


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

```
.border{ border-color:rgb(237, 227, 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, 227, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 227, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 227, 185);  
box-shadow:4px 4px 4px 4px rgb(237, 227,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1511, 76.4455, 56.9043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 227, 185) }
```

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

```
.background{ background-color: rgb(237,  
227, 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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