

Converting Colors

XYZ(72.0764, 76.9099, 65.1689)

Have a look what the booklet for
XYZ(72.0764, 76.9099, 65.1689)
contains.

XYZ(72.0388, 76.7239, 65.0452)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(72.0388, 76.7239,
65.0452)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE3C7
RGB	235, 227, 199
RGB Percent	92%, 89%, 78%
CMY	0.0784, 0.1098, 0.2196
CMYK	0.00, 0.03, 0.15, 0.08
HSL	47°, 47%, 85%
HSV	47°, 15%, 92%
XYZ	72.0388, 76.7239, 65.0452
YIQ	226.2000, 13.7560, -7.0120

Conversions

Conversions Part 2

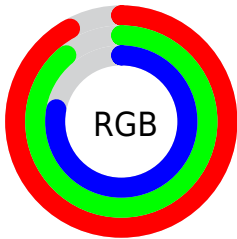
Format	Color
R_{YB}	209, 235, 199
Decimal	15459271
CIE _{Lab}	90.19, -1.86, 14.65
CIE _{LCh}	90, 14.770, 97.231
Yxy	76.7239, 0.3369, 0.3588
Android (android.graphics.Color)	4293649351 (0xFFEBE3C7)
YUV	226.2000, -13.4096, 7.7176
Hunter-Lab	87.5922, -6.4818, 17.2863

Details

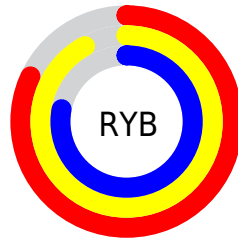
The XYZ color **72.0388, 76.7239, 65.0452** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **60.8611, 62.7645, 87.5047**, and the grayscale version is **72.5222, 76.2990, 83.0896**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4538, 41.1331, 32.7008** is the 20% darker color. If you saturate the color by 10%, you get **68.1131, 72.9067, 51.2988**, and if you desaturate by 10%, it is **76.4333, 80.8030, 81.0285**.

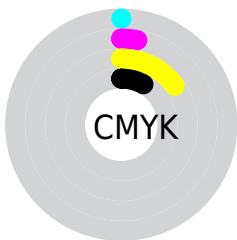
Distribution



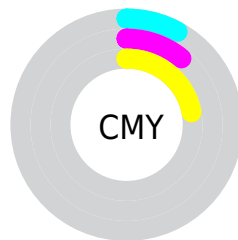
- Red (92%)
- Green (89%)
- Blue (78%)



- Red (82%)
- Yellow (92%)
- Blue (78%)



- Cyan (0%)
- Magenta (3%)
- Yellow (15%)
- Black (8%)



- Cyan (8%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0388, 76.7239, 65.0452 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 72.0388, 76.7239, 65.0452 by changing the saturation by 10% instead.

72.0388, 76.7239,
65.0452

72.0388, 76.7239,
65.0452

456.8322,
483.8221, 461.2650

53.4759, 57.0263,
47.0462

121.1222,
128.7497, 113.7287

38.4119, 41.0264,
32.7175

152.3735,
161.8466, 145.2503

26.4812, 28.3397,
21.6408

188.5849,
200.1788, 182.1165

17.3185, 18.5819,
13.3974

230.1219,
244.1306, 224.7458

10.5585, 11.3685,
7.5688

277.3497,
294.0865, 273.5567

5.8359, 6.3153,
3.7365

330.6338,

2.7853, 3.0377,

350.4308, 328.9679

1.4819

390.3395,
413.5478, 391.3978

■ 1.0413, 1.1515,
0.2044

■ 0.0000, 0.0215,
0.0000

■ 72.0388, 76.7239,
65.0452

■ 72.0388, 76.7239,
65.0452

■ 68.1131, 72.9067,
51.2988

■ 76.4333, 80.8030,
81.0285

■ 64.6305, 69.3327,
39.6827

■ 81.3088, 85.1418,
99.3389

■ 61.5717, 65.9963,
30.0890

■ 84.2608, 88.7817,
107.3033

■ 58.9137, 62.8877,
22.3985

■ 85.8421, 91.9442,
107.8304

■ 56.6312, 59.9960,
16.4791

■ 87.4681, 95.1962,
108.3724

■ 54.6956, 57.3091,
12.1822

■ 88.0711, 96.4023,
108.5734

■ 53.0734, 54.8132,
9.3343

■ 51.7239, 52.4911,
7.7223

■ 51.1558, 51.4516,
7.2350

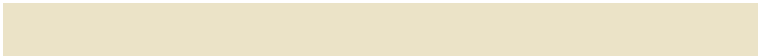
Harmonies

Analogous

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



75.6900, 76.7239, 66.2498



72.0388, 76.7239, 65.0452



68.7355, 76.7239, 68.4541

Triad

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



72.0388, 76.7239, 65.0452



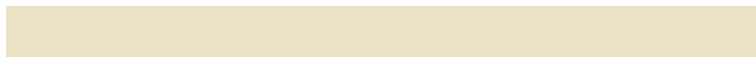
67.4464, 76.7239, 96.3780



79.6285, 76.7239, 91.6104

Complementary

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



72.0388, 76.7239, 65.0452



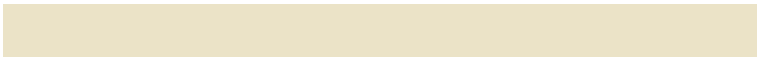
60.8611, 62.7645, 87.5047

Split Complementary

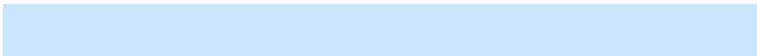
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.2788, 76.7239, 100.6922



72.0388, 76.7239, 65.0452



70.2257, 76.7239, 103.6020

Square

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



72.0388, 76.7239, 65.0452



66.1425, 76.7239, 86.1100



73.8159, 76.7239, 105.2435



80.1534, 76.7239, 81.0202

Rectangle

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



72.0388, 76.7239, 65.0452



67.1475, 76.7239, 73.0676



73.8159, 76.7239, 105.2435



79.0221, 76.7239, 94.9665

Sweetspot

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



72.0409, 76.7273, 65.0468



92.1679, 97.4125, 98.1461



65.9966, 63.0346, 67.9777



19.6436, 20.7738, 20.6960



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.



72.0409, 76.7273, 65.0468



85.3549, 91.0562, 73.4635



71.1940, 79.6126, 65.6484



16.0517, 17.0264, 15.9591



28.5694, 28.8331, 4.0596



2.3132, 2.4036, 0.3420

Inverse Universe

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



60.8611, 62.7645, 87.5047



69.7809, 71.6062, 104.7513



61.6012, 60.3431, 86.9983



14.5025, 15.0914, 19.0708



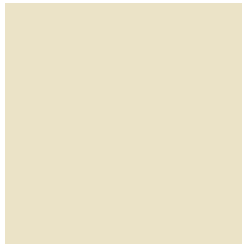
9.1114, 4.8699, 44.2027



0.7855, 0.5225, 3.4943

Previews

White Background



This preview shows how the XYZ color 72.0388, 76.7239, 65.0452 looks on a white background.

Color Contrast Check

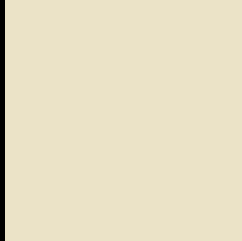
Large Text (above 18pt) WCAG AA × Fail

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 72.0388, 76.7239, 65.0452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

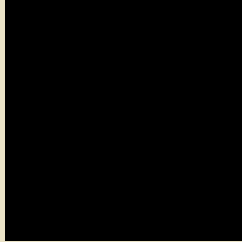
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

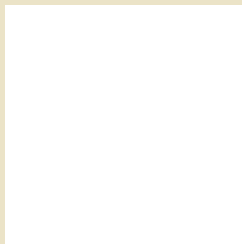
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.0388, 76.7239, 65.0452

Background



This preview shows how black text looks on a background with the XYZ color 72.0388, 76.7239, 65.0452.



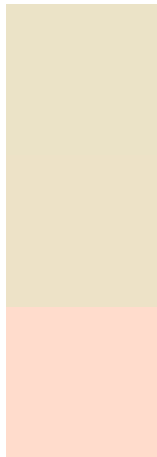
This preview shows how white text looks on a background with the XYZ color 72.0388, 76.7239,

65.0452.

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

72.0388, 76.7239, 65.0452

Protanopia

72.4302, 76.5208, 64.9853

Deuteranopia

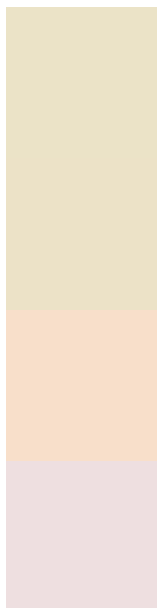
77.7323, 76.8060, 67.8549



Tritanopia

77.3716, 76.4702, 92.3436

Trichromacy



Original Color

72.0388, 76.7239, 65.0452

Protanomaly

72.0972, 76.3491, 64.9697

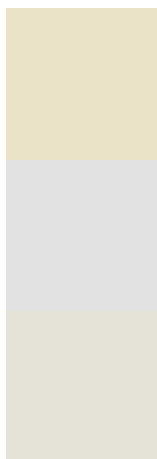
Deuteranomaly

75.7597, 76.9961, 66.7459

Tritanomaly

75.1021, 76.3343, 81.2967

Monochromacy



Original Color

72.0388, 76.7239, 65.0452

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.9041, 76.0086, 75.8471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0388, 76.7239, 65.0452 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(235, 227, 199)` looks like.

```
.text, #text, p{  
    color:rgb(235, 227, 199)  
}
```

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(235, 227, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 227, 199) }
```

Border

The CSS property to change the border of an element to XYZ 72.0388, 76.7239, 65.0452 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(235, 227, 199) }
```


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

```
.border{ border-color:rgb(235, 227, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 227, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 227, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 227, 199);  
box-shadow:4px 4px 4px 4px rgb(235, 227,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0388, 76.7239, 65.0452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 227, 199) }
```

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

```
.background{ background-color: rgb(235,  
227, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor