

Converting Colors

XYZ(75.9724, 82.9476, 72.1407)

Have a look what the booklet for
XYZ(75.9724, 82.9476, 72.1407)
contains.

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Color

**XYZ(76.0538, 82.8340,
72.3017)**

Conversions

Conversions Part 1

Format	Color
Hex	EBEDD1
RGB	235, 237, 209
RGB Percent	92%, 93%, 82%
CMY	0.0784, 0.0706, 0.1804
CMYK	0.01, 0.00, 0.12, 0.07
HSL	64°, 44%, 87%
HSV	64°, 12%, 93%
XYZ	76.0538, 82.8340, 72.3017
YIQ	233.2100, 7.7960, -9.1320

Conversions

Conversions Part 2

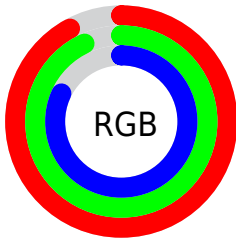
Format	Color
RYB	209, 237, 211
Decimal	15461841
CIELab	92.94, -5.38, 13.34
CIELCh	93, 14.390, 111.973
Yxy	82.8340, 0.3290, 0.3583
Android (android.graphics.Color)	4293651921 (0xFFEBEDD1)
YUV	233.2100, -11.9355, 1.5698
Hunter-Lab	91.0132, -10.1122, 16.6087

Details

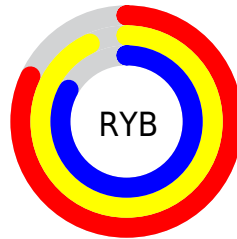
The XYZ color **76.0538, 82.8340, 72.3017** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **64.9537, 65.5664, 89.3574**, and the grayscale version is **77.6952, 81.7414, 89.0163**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0307, 44.9980, 37.5333** is the 20% darker color. If you saturate the color by 10%, you get **72.7784, 81.4622, 57.9538**, and if you desaturate by 10%, it is **79.7756, 84.3905, 88.9525**.

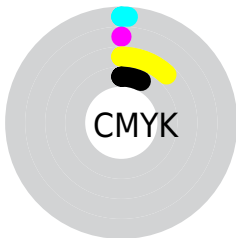
Distribution



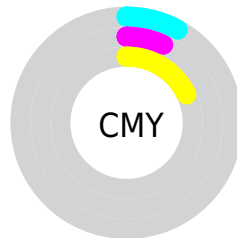
- Red (92%)
- Green (93%)
- Blue (82%)



- Red (82%)
- Yellow (93%)
- Blue (83%)



- Cyan (1%)
- Magenta (0%)
- Yellow (12%)
- Black (7%)



- Cyan (8%)
- Magenta (7%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0538, 82.8340, 72.3017 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 76.0538, 82.8340, 72.3017 by changing the saturation by 10% instead.

76.0538, 82.8340,
72.3017

76.0538, 82.8340,
72.3017

470.4734,
504.4331, 487.5968

56.7738, 62.0532,
52.9168

126.7829,
137.3429, 124.1971

41.0631, 45.0757,
37.3491

158.9628,
171.8399, 157.5447

28.5563, 31.5171,
25.1800

196.1733,
211.6777, 196.3836

18.8880, 20.9929,
15.9910

238.7798,
257.2407, 241.1323

11.6929, 13.1188,
9.3635

287.1478,
308.9134, 292.2095

6.6056, 7.5104,
4.8790

341.6424,

3.2608, 3.7833,

367.0801, 350.0336

2.1189

402.6292,
432.1252, 415.0232

■ 1.2932, 1.5531,
0.6270

■ 0.1781, 0.3257,
0.0000

■ 76.0538, 82.8340,
72.3017

■ 76.0538, 82.8340,
72.3017

■ 72.7784, 81.4622,
57.9538

■ 79.7756, 84.3905,
88.9525

■ 69.9236, 80.2564,
45.8023

■ 83.7283, 86.0372,
106.8016

■ 67.4707, 79.2121,
35.7402

■ 84.3019, 86.3329,
106.8285

■ 65.3976, 78.3203,
27.6497

■ 84.8809, 86.6314,
106.8556

63.6794, 77.5711,
21.4010

85.4653, 86.9327,
106.8829

62.2887, 76.9534,
16.8491

86.0551, 87.2367,
106.9105

61.1936, 76.4547,
13.8269

86.6504, 87.5436,
106.9384

60.3562, 76.0596,
12.1339

87.2511, 87.8533,
106.9665

59.8131, 75.7936,
11.4771

87.8572, 88.1657,
106.9949

Harmonies

Analogous

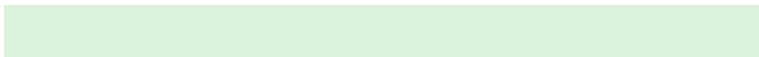
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.7463, 82.8340, 71.1833



76.0538, 82.8340, 72.3017



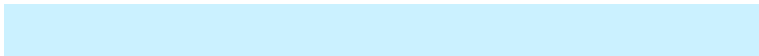
73.1660, 82.8340, 78.0152

Triad

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



76.0538, 82.8340, 72.3017



74.3559, 82.8340, 107.5268



86.1183, 82.8340, 93.1178

Complementary

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



76.0538, 82.8340, 72.3017



64.9537, 65.5664, 89.3574

Split Complementary

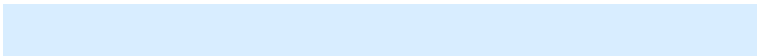
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.5717, 82.8340, 103.5744



76.0538, 82.8340, 72.3017



77.7248, 82.8340, 112.3154

Square

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



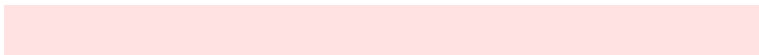
76.0538, 82.8340, 72.3017



72.2077, 82.8340, 98.1732



81.4708, 82.8340, 110.8142



85.6362, 82.8340, 82.6558

Rectangle

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



76.0538, 82.8340, 72.3017



72.0469, 82.8340, 83.9280



81.4708, 82.8340, 110.8142



85.8167, 82.8340, 96.7605

Sweetspot

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



76.0560, 82.8376, 72.3035



93.1828, 99.2221, 100.4667



69.6975, 69.1324, 69.9932



19.8719, 21.2071, 21.1754



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.



76.0560, 82.8376, 72.3035



88.8918, 97.4288, 81.3456



71.6552, 80.5689, 72.0975



16.2393, 17.5689, 16.0540



32.7016, 41.4027, 6.2680



2.5998, 3.2676, 0.4937

Inverse Universe

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



64.9537, 65.5664, 89.3574



73.5398, 73.5465, 104.9277



69.0989, 67.7034, 89.5514



14.3311, 14.6004, 18.9851



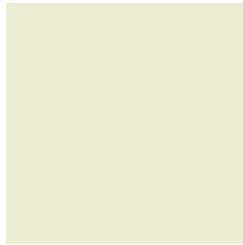
8.5110, 3.4235, 43.9552



0.7033, 0.2869, 3.4532

Previews

White Background



This preview shows how the XYZ color 76.0538, 82.8340, 72.3017 looks on a white background.

Color Contrast Check

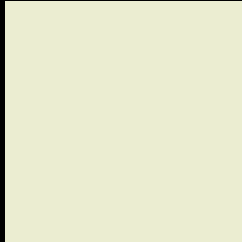
Large Text (above 18pt) WCAG AA × Fail

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 76.0538, 82.8340, 72.3017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

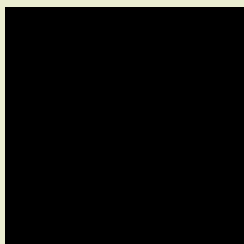
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

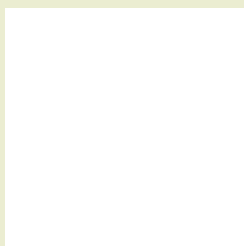
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.0538, 82.8340, 72.3017

Background



This preview shows how black text looks on a background with the XYZ color 76.0538, 82.8340, 72.3017.



This preview shows how white text looks on a background with the XYZ color 76.0538, 82.8340,

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

76.0538, 82.8340, 72.3017

Protanopia

78.3415, 82.7631, 70.8773

Deuteranopia

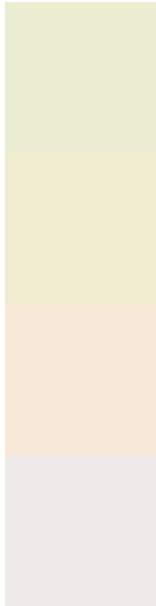
82.1776, 82.4659, 79.2964



Tritanopia

81.9504, 82.6922, 101.2645

Trichromacy



Original Color

76.0538, 82.8340, 72.3017

Protanomaly

77.3691, 82.6715, 71.5539

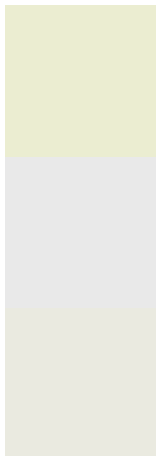
Deuteranomaly

79.9627, 82.6276, 76.7000

Tritanomaly

79.5868, 82.5691, 89.5847

Monochromacy



Original Color

76.0538, 82.8340, 72.3017

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.8090, 81.7199, 82.2463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0538, 82.8340, 72.3017 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, 237, 209) looks like.

```
.text, #text, p{  
    color:rgb(235, 237, 209)  
}
```

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, 237, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 237, 209) }
```

Border

The CSS property to change the border of an element to XYZ 76.0538, 82.8340, 72.3017 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, 237, 209) }
```


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

```
.border{ border-color:rgb(235, 237, 209) }
```

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

Here you see how a box with a 4 pixel rgb(235, 237, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 237, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 237, 209);  
box-shadow:4px 4px 4px 4px rgb(235, 237,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0538, 82.8340, 72.3017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 237, 209) }
```

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

```
.background{ background-color: rgb(235,  
237, 209) }
```

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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