

Converting Colors

XYZ(75.2399, 76.3502, 80.4081)

Have a look what the booklet for
XYZ(75.2399, 76.3502, 80.4081)
contains.

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Color

**XYZ(75.3036, 76.4538,
80.6002)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD9DF
RGB	239, 223, 223
RGB Percent	94%, 87%, 87%
CMY	0.0627, 0.1255, 0.1255
CMYK	0.00, 0.07, 0.07, 0.06
HSL	0°, 33%, 91%
HSV	0°, 7%, 94%
XYZ	75.3036, 76.4538, 80.6002
YIQ	227.7840, 9.5360, 3.3920

Conversions

Conversions Part 2

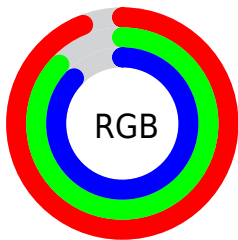
Format	Color
R _{YB}	239, 223, 223
Decimal	15720415
CIE Lab	90.07, 5.46, 1.96
CIE LCh	90, 5.804, 19.713
Yxy	76.4538, 0.3241, 0.3290
Android (android.graphics.Color)	4293910495 (0xFFEFD _{DFD})
YUV	227.7840, -2.3585, 9.8364
Hunter-Lab	87.4379, 0.7122, 6.5530

Details

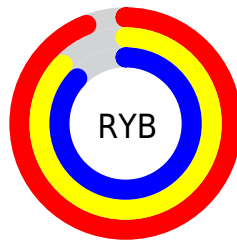
The XYZ color **75.3036, 76.4538, 80.6002** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.8778, 83.6517, 93.7569**, and the grayscale version is **73.5986, 77.4315, 84.3229**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5990, 40.8997, 42.8004** is the 20% darker color. If you saturate the color by 10%, you get **66.3668, 63.3774, 62.8298**, and if you desaturate by 10%, it is **85.6005, 91.5205, 101.0698**.

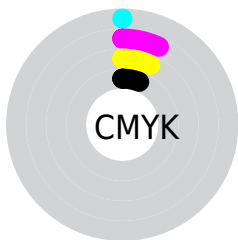
Distribution



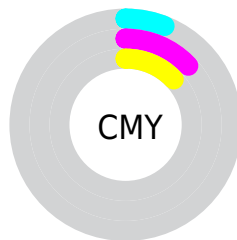
- Red (94%)
- Green (87%)
- Blue (87%)



- Red (94%)
- Yellow (87%)
- Blue (87%)



- Cyan (0%)
- Magenta (7%)
- Yellow (7%)
- Black (6%)





- Cyan (6%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3036, 76.4538, 80.6002 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 75.3036, 76.4538, 80.6002 by changing the saturation by 10% instead.


 75.3036, 76.4538,
80.6002

 75.3036, 76.4538,
80.6002


467.9415,
482.8997, 516.7133

 56.1567, 56.8047,
59.6833


125.7276,
128.3682, 136.0283

 40.5661, 40.8485,
42.7398


157.7355,
161.4022, 171.3765

 28.1663, 28.2007,
29.3511


194.7610,
199.6667, 212.3723

 18.5922, 18.4770,
19.0987

237.1696,
243.5461, 259.4342

 11.4782, 11.2930,
11.5641

285.3266,
293.4247, 312.9807

 6.4591, 6.2643,
6.3287

339.5974,

 3.1695, 3.0064,

349.6869, 373.4303

2.9740

400.3472,
412.7171, 441.2017

■ 1.2440, 1.1351,
1.0814

■ 0.1407, 0.0077,
0.0000

■ 75.3036, 76.4538,
80.6002

■ 75.3036, 76.4538,
80.6002

■ 66.3668, 63.3774,
62.8298

■ 85.6005, 91.5205,
101.0698

■ 58.7271, 52.1987,
47.6413

■ 89.4071, 97.0910,
108.6359

■ 52.3262, 42.8326,
34.9162

■ 47.0990, 35.1837,
24.5247

■ 42.9741, 29.1477,
16.3253

■ 39.8728, 24.6092,
10.1608

■ 37.7055, 21.4375,
5.8537

■ 36.3676, 19.4793,
3.1954

■ 35.7267, 18.5410,
1.9226

Harmonies

Analogous

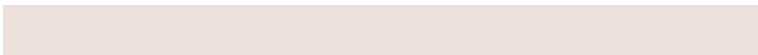
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.4242, 76.4538, 84.6686



75.3036, 76.4538, 80.6002



74.4713, 76.4538, 77.3444

Triad

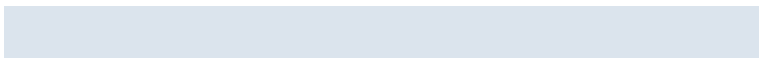
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3036, 76.4538, 80.6002



70.5763, 76.4538, 78.2247



72.1740, 76.4538, 91.2897

Complementary

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



75.3036, 76.4538, 80.6002



76.8778, 83.6517, 93.7569

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.



70.8922, 76.4538, 89.4388



75.3036, 76.4538, 80.6002



69.9779, 76.4538, 81.8378

Square

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



75.3036, 76.4538, 80.6002



71.7375, 76.4538, 76.0045



70.0928, 76.4538, 85.9474



73.6046, 76.4538, 90.9317

Rectangle

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



75.3036, 76.4538, 80.6002



73.6308, 76.4538, 76.0301



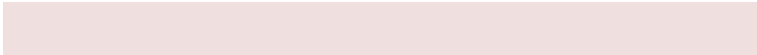
70.0928, 76.4538, 85.9474



71.7117, 76.4538, 90.9029

Sweetspot

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



75.3057, 76.4571, 80.6018



92.6346, 96.4657, 104.0977



77.5653, 77.3592, 92.5061



19.8529, 20.6846, 22.3315



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

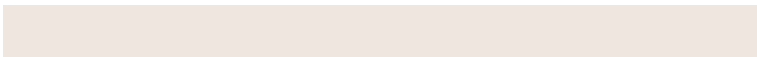
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3057, 76.4571, 80.6018



85.7731, 86.4259, 90.4557



77.4929, 80.8314, 81.3309



15.7732, 15.7595, 16.3603



19.6720, 10.1420, 0.9208



1.6366, 0.8439, 0.0766

Inverse Universe

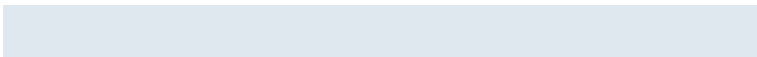
The Inverse Universe completely reimagines the original color for something new.



76.8778, 83.6517, 93.7569



87.9374, 96.3308, 108.5667



74.5884, 79.0730, 92.9938



16.2471, 17.9283, 20.3258



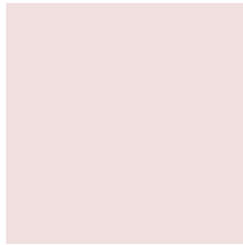
25.6577, 37.5396, 51.0214



2.1346, 3.1232, 4.2445

Previews

White Background



This preview shows how the XYZ color 75.3036, 76.4538, 80.6002 looks on a white background.

Color Contrast Check

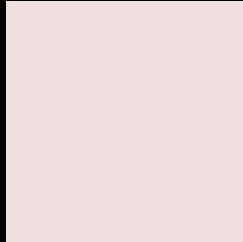
Large Text (above 18pt) WCAG AA × Fail

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 75.3036, 76.4538, 80.6002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

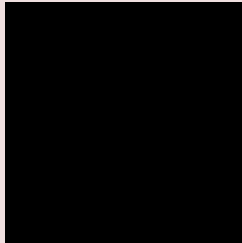
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

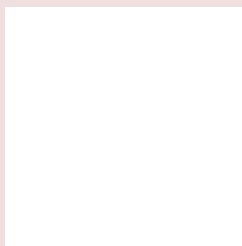
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3036, 76.4538, 80.6002

Background



This preview shows how black text looks on a background with the XYZ color 75.3036, 76.4538, 80.6002.

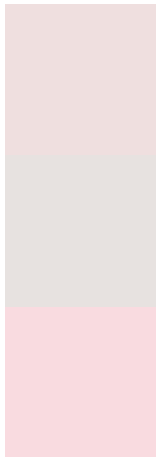


This preview shows how white text looks on a background with the XYZ color 75.3036, 76.4538,

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

75.3036, 76.4538, 80.6002

Protanopia

73.6059, 76.7635, 81.4584

Deuteranopia

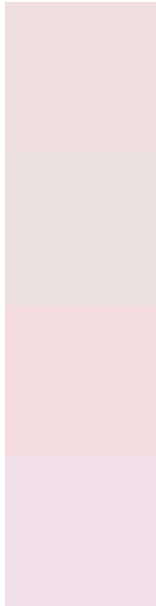
77.8530, 76.1846, 81.1228



Tritanopia

77.5647, 76.5867, 91.5835

Trichromacy



Original Color

75.3036, 76.4538, 80.6002

Protanomaly

74.3114, 76.7247, 81.4137

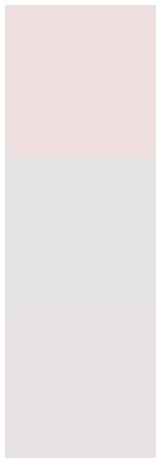
Deuteranomaly

76.7039, 75.9807, 81.1440

Tritanomaly

76.7644, 76.6510, 87.8400

Monochromacy



Original Color

75.3036, 76.4538, 80.6002

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.2025, 77.0395, 82.9107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3036, 76.4538, 80.6002 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(239, 223, 223) looks like.

```
.text, #text, p{  
    color:rgb(239, 223, 223)  
}
```

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(239, 223, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 223, 223) }
```

Border

The CSS property to change the border of an element to XYZ 75.3036, 76.4538, 80.6002 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(239, 223, 223) }
```


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

```
.border{ border-color:rgb(239, 223, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 223, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 223, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 223, 223);  
box-shadow:4px 4px 4px 4px rgb(239, 223,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3036, 76.4538, 80.6002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 223, 223) }
```

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

```
.background{ background-color: rgb(239,  
223, 223) }
```

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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