

Converting Colors

XYZ(76.1012, 76.3034, 89.5646)

Have a look what the booklet for
XYZ(76.1012, 76.3034, 89.5646)
contains.

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Color

**XYZ(76.0417, 76.2452,
89.3062)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDEEB
RGB	237, 222, 235
RGB Percent	93%, 87%, 92%
CMY	0.0706, 0.1294, 0.0784
CMYK	0.00, 0.06, 0.01, 0.07
HSL	308°, 29%, 90%
HSV	308°, 6%, 93%
XYZ	76.0417, 76.2452, 89.3062
YIQ	227.9670, 4.7670, 7.2230

Conversions

Conversions Part 2

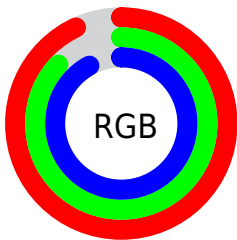
Format	Color
R _Y B	237, 222, 235
Decimal	15589099
CIE Lab	89.97, 7.39, -4.50
CIE LCh	90, 8.650, 328.643
Yxy	76.2452, 0.3148, 0.3156
Android (android.graphics.Color)	4293779179 (0xFFEDDEEB)
YUV	227.9670, 3.4673, 7.9219
Hunter-Lab	87.3185, 2.6401, 0.4833

Details

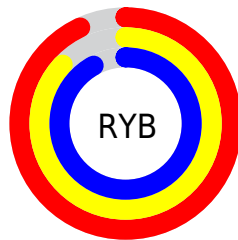
The XYZ color **76.0417, 76.2452, 89.3062** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.8658, 81.4818, 82.3594**, and the grayscale version is **73.6935, 77.5313, 84.4316**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0115, 40.7159, 48.3452** is the 20% darker color. If you saturate the color by 10%, you get **69.7323, 64.3498, 84.9707**, and if you desaturate by 10%, it is **83.2483, 89.9200, 93.9827**.

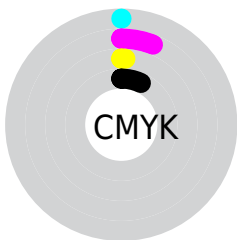
Distribution



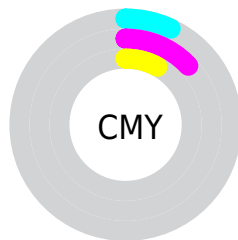
- Red (93%)
- Green (87%)
- Blue (92%)



- Red (93%)
- Yellow (87%)
- Blue (92%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (7%)





- Cyan (7%)
- Magenta (13%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.0417, 76.2452, 89.3062 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 76.0417, 76.2452, 89.3062 by changing the saturation by 10% instead.


 76.0417, 76.2452,
89.3062

 76.0417, 76.2452,
89.3062


470.4326,
482.1866, 546.2831

 56.7639, 56.6336,
66.8349


126.7659,
128.0735, 148.3014

 41.0551, 40.7111,
48.4897


158.9430,
161.0589, 185.6623

 28.5500, 28.0934,
33.8521


196.1505,
199.2710, 228.8236

 18.8832, 18.3961,
22.5036

238.7539,
243.0943, 278.2037

 11.6894, 11.2347,
14.0255

287.1184,
292.9131, 334.2211

 6.6033, 6.2250,
7.9995

341.6095,

 3.2594, 2.9823,

349.1119, 397.2945

4.0068

402.5924,
412.0749, 467.8423

■ 1.2924, 1.1225,
1.6291

■ 0.1775, 0.0000,
0.3115

■ 76.0417, 76.2452,
89.3062

■ 76.0417, 76.2452,
89.3062

■ 69.7323, 64.3498,
84.9707

■ 83.2483, 89.9200,
93.9827

■ 64.2769, 54.1505,
80.9587

■ 86.6111, 95.8950,
97.4172

■ 59.6384, 45.5720,
77.2587

■ 87.0883, 96.0859,
99.9304

■ 55.7742, 38.5296,
73.8562

■ 87.5738, 96.2801,
102.4869

■ 52.6383, 32.9308,
70.7357

■ 88.0676, 96.4776,
105.0870

■ 50.1792, 28.6733,
67.8798

■ 88.5697, 96.6784,
107.7309

■ 48.3392, 25.6410,
65.2691

■ 88.7356, 96.7448,
108.6045

■ 47.0503, 23.6986,
62.8806

■ 46.2279, 22.6769,
60.6860

Harmonies

Analogous

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



74.4603, 76.2452, 93.8021



76.0417, 76.2452, 89.3062



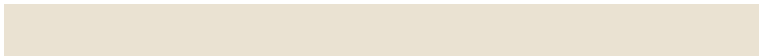
76.6631, 76.2452, 83.2976

Triad

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



76.0417, 76.2452, 89.3062



72.5663, 76.2452, 71.7794



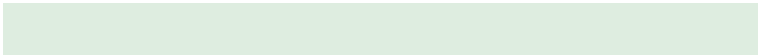
68.9152, 76.2452, 88.7993

Complementary

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



76.0417, 76.2452, 89.3062



73.8658, 81.4818, 82.3594

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.



68.4303, 76.2452, 82.7391



76.0417, 76.2452, 89.3062



70.5131, 76.2452, 73.0939

Square

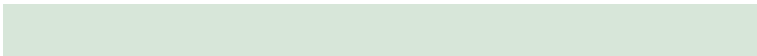
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0417, 76.2452, 89.3062



74.6324, 76.2452, 73.3508



69.0096, 76.2452, 77.0322



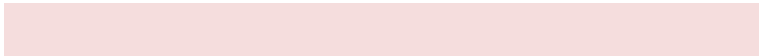
70.3474, 76.2452, 93.4995

Rectangle

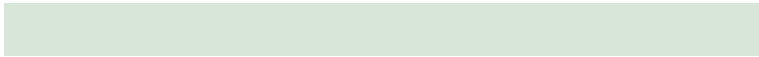
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.0417, 76.2452, 89.3062



76.4403, 76.2452, 79.3056



69.0096, 76.2452, 77.0322



68.6373, 76.2452, 86.8446

Sweetspot

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



76.0439, 76.2485, 89.3079



93.3352, 96.7453, 107.7891



72.1510, 74.2081, 90.6427



19.9955, 20.7416, 23.0830



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.



76.0439, 76.2485, 89.3079



88.4489, 87.4939, 104.5539



74.9831, 75.8242, 83.7218



15.6233, 15.2772, 18.5678



25.1453, 12.2608, 32.8962



1.9985, 0.9724, 2.7095

Inverse Universe

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



76.0439, 76.2485, 89.3079



88.4489, 87.4939, 104.5539



74.9055, 81.8977, 87.8342



15.6233, 15.2772, 18.5678



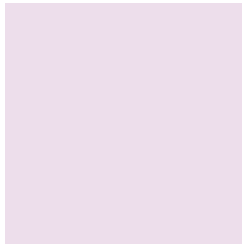
25.1453, 12.2608, 32.8962



1.9985, 0.9724, 2.7095

Previews

White Background



This preview shows how the XYZ color 76.0417, 76.2452, 89.3062 looks on a white background.

Color Contrast Check

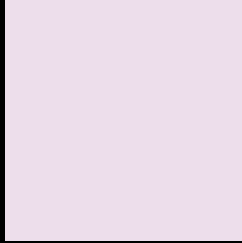
Large Text (above 18pt) WCAG AA × Fail

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 76.0417, 76.2452, 89.3062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

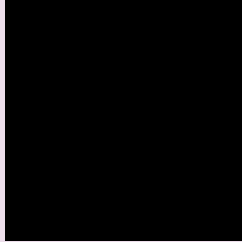
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

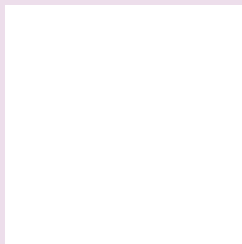
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.0417, 76.2452, 89.3062

Background



This preview shows how black text looks on a background with the XYZ color 76.0417, 76.2452, 89.3062.

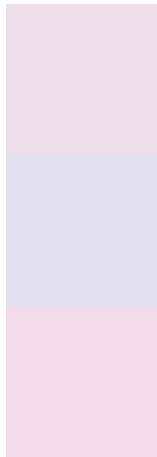


This preview shows how white text looks on a background with the XYZ color 76.0417, 76.2452,

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

76.0417, 76.2452, 89.3062

Protanopia

73.8898, 76.2957, 90.9529

Deuteranopia

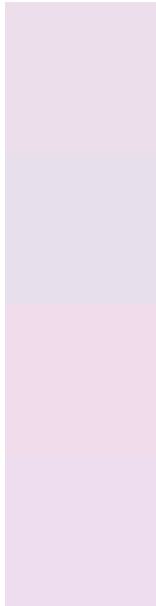
77.6351, 75.8943, 89.1545



Tritanopia

76.6963, 76.1220, 92.3120

Trichromacy



Original Color

76.0417, 76.2452, 89.3062

Protanomaly

74.7510, 76.3564, 90.1553

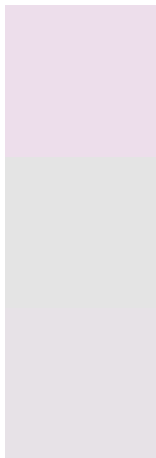
Deuteranomaly

76.8642, 75.8853, 89.1934

Tritanomaly

76.5490, 76.0631, 91.5360

Monochromacy



Original Color

76.0417, 76.2452, 89.3062

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.5752, 77.1512, 86.5624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0417, 76.2452, 89.3062 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, 222, 235)` looks like.

```
.text, #text, p{  
    color:rgb(237, 222, 235)  
}
```

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, 222, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 222, 235) }
```

Border

The CSS property to change the border of an element to XYZ 76.0417, 76.2452, 89.3062 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, 222, 235) }
```


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

```
.border{ border-color:rgb(237, 222, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 222, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 222, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 222, 235);  
box-shadow:4px 4px 4px 4px rgb(237, 222,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0417, 76.2452, 89.3062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 222, 235) }
```

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

```
.background{ background-color: rgb(237,  
222, 235) }
```

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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