

Converting Colors

XYZ(76.5838, 78.9155, 84.3537)

Have a look what the booklet for
XYZ(76.5838, 78.9155, 84.3537)
contains.

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Color

**XYZ(76.6720, 79.0928,
84.6242)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE4E4
RGB	237, 228, 228
RGB Percent	93%, 89%, 89%
CMY	0.0706, 0.1059, 0.1059
CMYK	0.00, 0.04, 0.04, 0.07
HSL	0°, 20%, 91%
HSV	0°, 4%, 93%
XYZ	76.6720, 79.0928, 84.6242
YIQ	230.6910, 5.3640, 1.9080

Conversions

Conversions Part 2

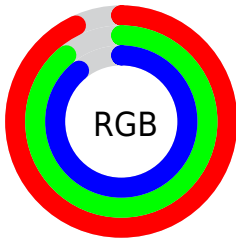
Format	Color
RYB	237, 228, 228
Decimal	15590628
CIELab	91.28, 3.05, 1.08
CIElCh	91, 3.233, 19.443
Yxy	79.0928, 0.3189, 0.3290
Android (android.graphics.Color)	4293780708 (0xFFE4E4)
YUV	230.6910, -1.3267, 5.5330
Hunter-Lab	88.9341, -1.7461, 5.8372

Details

The XYZ color **76.6720, 79.0928, 84.6242** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.5649, 83.1753, 92.0879**, and the grayscale version is **75.7346, 79.6787, 86.7701**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5425, 42.7280, 45.5930** is the 20% darker color. If you saturate the color by 10%, you get **67.5289, 65.7152, 66.4417**, and if you desaturate by 10%, it is **87.1635, 94.4435, 105.4832**.

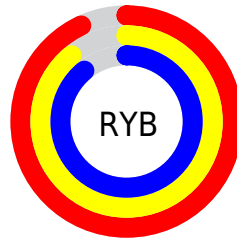
Distribution



Red (93%)

Green (89%)

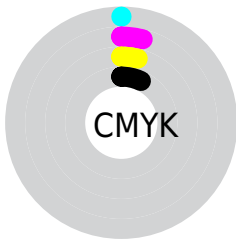
Blue (89%)



Red (93%)

Yellow (89%)

Blue (89%)

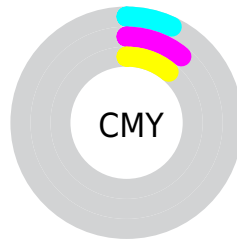


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (7%)



Cyan (7%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.6720, 79.0928, 84.6242 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 76.6720, 79.0928, 84.6242 by changing the saturation by 10% instead.

76.6720, 79.0928,
84.6242

76.6720, 79.0928,
84.6242

472.5541,
491.8702, 530.4959

57.2827, 58.9721,
62.9826

127.6517,
132.0895, 141.7175

41.4733, 42.5907,
45.3862

159.9728,
165.7343, 178.0062

28.8784, 29.5641,
31.4166

197.3351,
204.6559, 220.0144

19.1327, 19.5079,
20.6551

240.1042,
249.2388, 268.1606

11.8707, 12.0379,
12.6834

288.6453,
299.8672, 322.8633

6.7273, 6.7695,
7.0827

343.3237,

3.3370, 3.3184,

356.9257, 384.5410

3.4347

404.5048,
420.7986, 453.6124

■ 1.3344, 1.3001,
1.3206

■ 0.2087, 0.1413,
0.0786

■ 76.6720, 79.0928,
84.6242

■ 76.6720, 79.0928,
84.6242

■ 67.5289, 65.7152,
66.4417

■ 87.1635, 94.4435,
105.4832

■ 59.6733, 54.2210,
50.8225

■ 88.7354, 96.7447,
108.6045

■ 53.0493, 44.5287,
37.6530

■ 47.5947, 36.5471,
26.8090

■ 43.2414, 30.1768,
18.1555

■ 39.9146, 25.3084,
11.5434

■ 37.5302, 21.8187,
6.8053

■ 35.9907, 19.5652,
3.7473

■ 35.1776, 18.3745,
2.1334

Harmonies

Analogous

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



76.7361, 79.0928, 86.9486



76.6720, 79.0928, 84.6242



76.2052, 79.0928, 82.7331

Triad

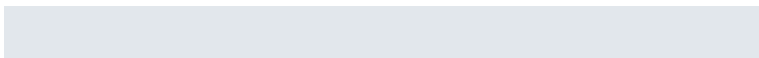
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.6720, 79.0928, 84.6242



73.9837, 79.0928, 83.2157



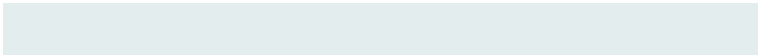
74.8868, 79.0928, 90.6346

Complementary

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



76.6720, 79.0928, 84.6242



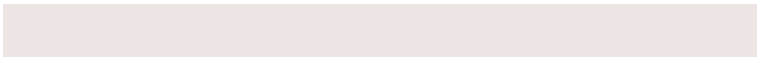
77.5649, 83.1753, 92.0879

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.



74.1548, 79.0928, 89.5952



76.6720, 79.0928, 84.6242



73.6359, 79.0928, 85.2939

Square

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



76.6720, 79.0928, 84.6242



74.6517, 79.0928, 81.9302



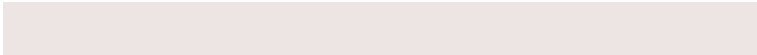
73.6983, 79.0928, 87.6305



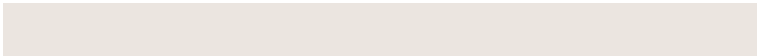
75.7014, 79.0928, 90.4474

Rectangle

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



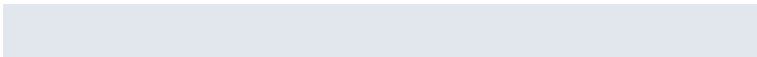
76.6720, 79.0928, 84.6242



75.7304, 79.0928, 81.9593



73.6983, 79.0928, 87.6305



74.6230, 79.0928, 90.4164

Sweetspot

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



76.6742, 79.0962, 84.6259



93.8344, 98.2214, 106.4828



77.9555, 79.6069, 91.3786



20.0972, 21.0422, 22.8172



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.



76.6742, 79.0962, 84.6259



89.1329, 91.3425, 97.1345



77.9272, 81.6021, 85.0436



15.8099, 16.1434, 17.1095



19.0687, 9.8316, 0.8927



1.4975, 0.7724, 0.0702

Inverse Universe

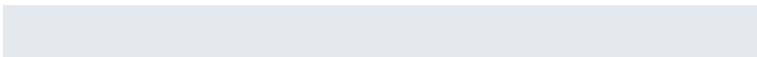
The Inverse Universe completely reimagines the original color for something new.



77.5649, 83.1753, 92.0879



90.5119, 97.6578, 108.6871



76.2796, 80.6046, 91.6595



16.0875, 17.4151, 19.4358



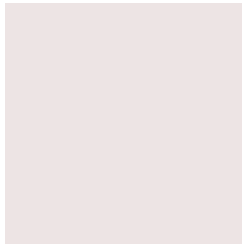
24.8627, 36.3723, 49.4531



1.9525, 2.8565, 3.8833

Previews

White Background



This preview shows how the XYZ color 76.6720, 79.0928, 84.6242 looks on a white background.

Color Contrast Check

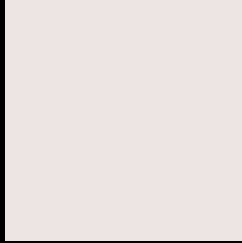
Large Text (above 18pt) WCAG AA × Fail

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 76.6720, 79.0928, 84.6242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

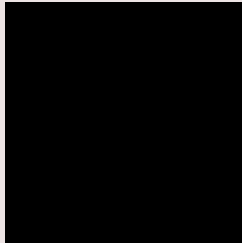
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

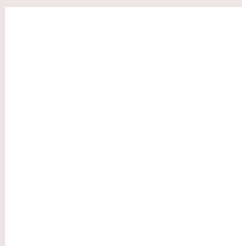
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.6720, 79.0928, 84.6242

Background



This preview shows how black text looks on a background with the XYZ color 76.6720, 79.0928, 84.6242.



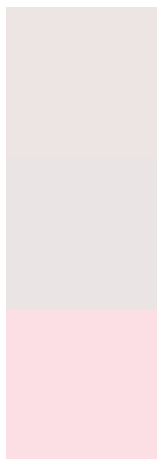
This preview shows how white text looks on a background with the XYZ color 76.6720, 79.0928,

84.6242.

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

76.6720, 79.0928, 84.6242

Protanopia

75.9546, 79.1325, 84.6696

Deuteranopia

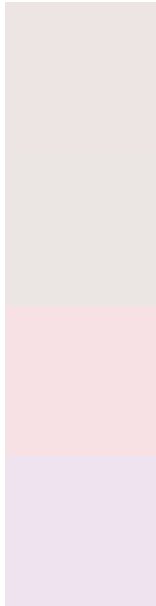
80.6754, 79.1279, 85.1499



Tritanopia

78.9706, 79.2145, 95.9217

Trichromacy



Original Color

76.6720, 79.0928, 84.6242

Protanomaly

76.2839, 79.3022, 84.6851

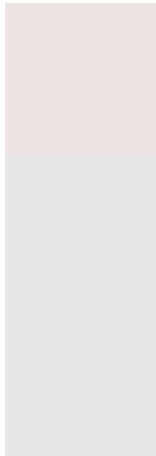
Deuteranomaly

79.4258, 79.2817, 85.2455

Tritanomaly

78.1616, 79.2884, 92.0735

Monochromacy



Original Color

76.6720, 79.0928, 84.6242

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.1840, 79.6304, 86.2178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6720, 79.0928, 84.6242 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, 228, 228) looks like.

```
.text, #text, p{  
    color:rgb(237, 228, 228)  
}
```

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, 228, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 228, 228) }
```

Border

The CSS property to change the border of an element to XYZ 76.6720, 79.0928, 84.6242 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, 228, 228) }
```


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

```
.border{ border-color:rgb(237, 228, 228) }
```

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

Here you see how a box with a 4 pixel rgb(237, 228, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 228, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 228, 228);  
box-shadow:4px 4px 4px 4px rgb(237, 228,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6720, 79.0928, 84.6242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 228, 228) }
```

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

```
.background{ background-color: rgb(237,  
228, 228) }
```

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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