

Converting Colors

XYZ(79.3263, 84.4245, 84.5151)

Have a look what the booklet for
XYZ(79.3263, 84.4245, 84.5151)
contains.

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Color

**XYZ(79.4092, 84.2916,
84.7576)**

Conversions

Conversions Part 1

Format	Color
Hex	EEDEE3
RGB	238, 237, 227
RGB Percent	93%, 93%, 89%
CMY	0.0667, 0.0706, 0.1098
CMYK	0.00, 0.00, 0.05, 0.07
HSL	55°, 24%, 91%
HSV	55°, 5%, 93%
XYZ	79.4092, 84.2916, 84.7576
YIQ	236.1590, 3.8060, -2.8980

Conversions

Conversions Part 2

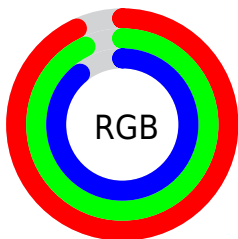
Format	Color
RYB	228, 238, 227
Decimal	15658467
CIELab	93.58, -1.39, 4.95
CIELCh	94, 5.139, 105.742
Yxy	84.2916, 0.3196, 0.3393
Android (android.graphics.Color)	4293848547 (0xFFEEEEDE3)
YUV	236.1590, -4.5154, 1.6146
Hunter-Lab	91.8105, -6.2791, 9.5320

Details

The XYZ color **79.4092, 84.2916, 84.7576** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.8545, 77.9895, 91.9981**, and the grayscale version is **79.8841, 84.0442, 91.5242**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2617, 45.9714, 45.6230** is the 20% darker color. If you saturate the color by 10%, you get **75.7298, 81.8308, 68.4294**, and if you desaturate by 10%, it is **83.5549, 86.9564, 103.4835**.

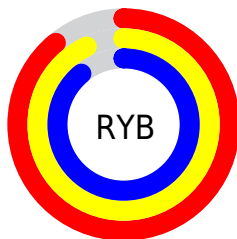
Distribution



Red (93%)

Green (93%)

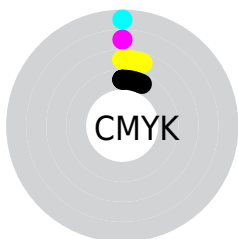
Blue (89%)



Red (89%)

Yellow (93%)

Blue (89%)

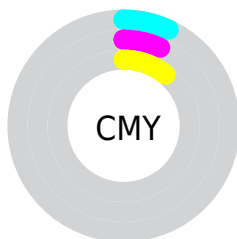


Cyan (0%)

Magenta (0%)

Yellow (5%)

Black (7%)



Cyan (7%)

Magenta (7%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4092, 84.2916, 84.7576 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 79.4092, 84.2916, 84.7576 by changing the saturation by 10% instead.

■ 79.4092, 84.2916,
84.7576

■ 79.4092, 84.2916,
84.7576

481.7065,
509.2811, 530.9493

■ 59.5391, 63.2562,
63.0921

131.4897,
139.3830, 141.9056

■ 43.2953, 46.0485,
45.4743

164.4308,
174.2078, 178.2252

■ 30.3124, 32.2841,
31.4855

202.4595,
214.3979, 220.2666

■ 20.2251, 21.5786,
20.7073

245.9414,
260.3376, 268.4483

■ 12.6680, 13.5476,
12.7210

295.2416,
312.4114, 323.1889

■ 7.2757, 7.8067,
7.1083

350.7257,

■ 3.6830, 3.9715,

371.0037, 384.9069

3.4504

412.7588,
436.4987, 454.0209

■ 1.5244, 1.6576,
1.3290

■ 0.3423, 0.3960,
0.0854

■ 79.4092, 84.2916,
84.7576

■ 79.4092, 84.2916,
84.7576

■ 75.7298, 81.8308,
68.4294

■ 83.5549, 86.9564,
103.4835

■ 72.4912, 79.5554,
54.3960

■ 84.8585, 88.4936,
107.2162

■ 69.6759, 77.4614,
42.5550

■ 85.5009, 89.7785,
107.4303

■ 67.2626, 75.5399,
32.7941

■ 86.1509, 91.0785,
107.6470

65.2280, 73.7818,
24.9911

86.8085, 92.3937,
107.8662

63.5464, 72.1766,
19.0111

87.4737, 93.7241,
108.0880

62.1891, 70.7129,
14.7020

88.1466, 95.0698,
108.3122

61.1224, 69.3771,
11.8872

88.8271, 96.4309,
108.5391

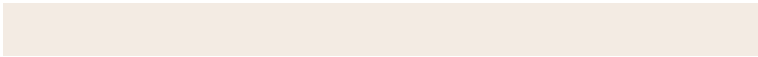
60.3051, 68.1528,
10.3504

89.0703, 96.9174,
108.6202

Harmonies

Analogous

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



80.7624, 84.2916, 84.7100



79.4092, 84.2916, 84.7576



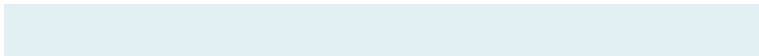
78.2582, 84.2916, 86.6509

Triad

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



79.4092, 84.2916, 84.7576



78.3054, 84.2916, 97.2486



82.6781, 84.2916, 93.6362

Complementary

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



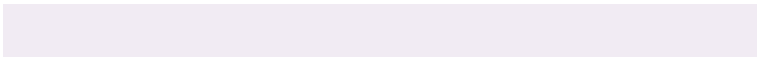
79.4092, 84.2916, 84.7576



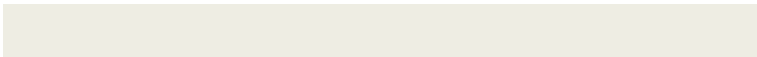
74.8545, 77.9895, 91.9981

Split Complementary

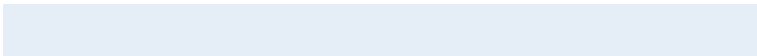
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.0043, 84.2916, 97.1060



79.4092, 84.2916, 84.7576



79.4743, 84.2916, 99.2312

Square

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



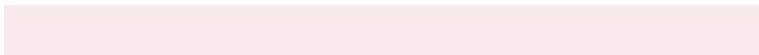
79.4092, 84.2916, 84.7576



77.6258, 84.2916, 93.8263



80.8283, 84.2916, 99.1783



82.6602, 84.2916, 89.7621

Rectangle

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



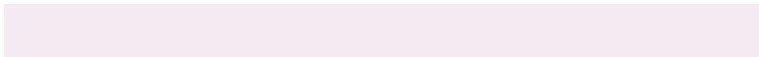
79.4092, 84.2916, 84.7576



77.7559, 84.2916, 88.7364



80.8283, 84.2916, 99.1783



82.5246, 84.2916, 94.8908

Sweetspot

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



79.4115, 84.2953, 84.7594



94.5685, 99.6897, 106.7275



76.7476, 78.7235, 84.6229



20.2466, 21.3410, 22.8670



0.0000, 0.0000, 0.0000



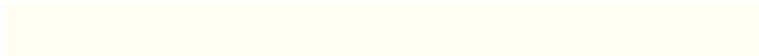
20.3446, 21.4041, 23.3091

Same Dimension

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



79.4115, 84.2953, 84.7594



92.2435, 98.1732, 96.2922



78.2412, 84.1210, 84.7875



17.2272, 18.3555, 17.8072



33.4875, 37.7730, 5.5259



2.8213, 3.2133, 0.4715

Inverse Universe

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



74.8545, 77.9895, 91.9981



85.3637, 88.6535, 107.2204



75.9871, 78.1680, 91.9729



15.8132, 16.3988, 20.0534



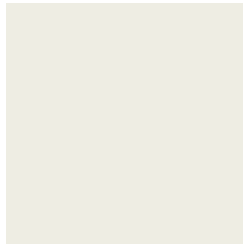
8.8044, 3.8330, 45.4037



0.7714, 0.3967, 3.7901

Previews

White Background



This preview shows how the XYZ color 79.4092, 84.2916, 84.7576 looks on a white background.

Color Contrast Check

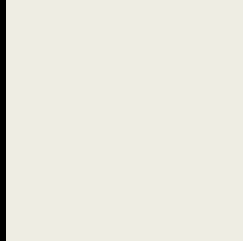
Large Text (above 18pt) WCAG AA × Fail

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 79.4092, 84.2916, 84.7576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

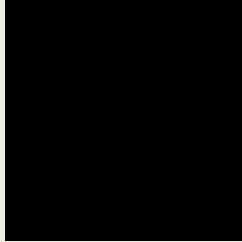
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

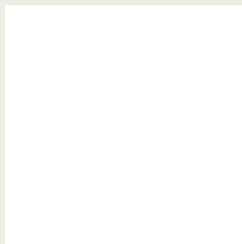
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.4092, 84.2916, 84.7576

Background



This preview shows how black text looks on a background with the XYZ color 79.4092, 84.2916, 84.7576.



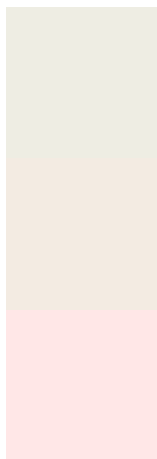
This preview shows how white text looks on a background with the XYZ color 79.4092, 84.2916,

84.7576.

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

79.4092, 84.2916, 84.7576

Protanopia

80.3979, 83.9623, 83.9204

Deuteranopia

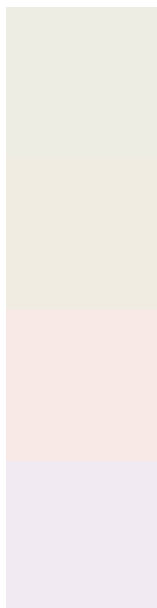
84.2397, 84.1813, 87.4100



Tritanopia

83.3276, 84.1833, 103.9526

Trichromacy



Original Color

79.4092, 84.2916, 84.7576

Protanomaly

79.9985, 84.1827, 83.9840

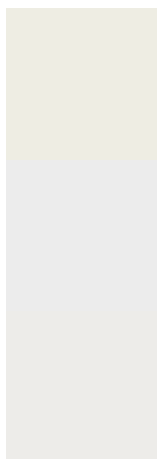
Deuteranomaly

82.4888, 84.1307, 86.7541

Tritanomaly

81.8761, 84.0175, 96.6957

Monochromacy



Original Color

79.4092, 84.2916, 84.7576

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.6285, 83.8786, 89.0841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4092, 84.2916, 84.7576 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(238, 237, 227) looks like.

```
.text, #text, p{  
    color:rgb(238, 237, 227)  
}
```

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(238, 237, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 237, 227) }
```

Border

The CSS property to change the border of an element to XYZ 79.4092, 84.2916, 84.7576 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(238, 237, 227) }
```


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

```
.border{ border-color:rgb(238, 237, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 237, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 237, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 237, 227);  
box-shadow:4px 4px 4px 4px rgb(238, 237,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4092, 84.2916, 84.7576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 237, 227) }
```

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

```
.background{ background-color: rgb(238,  
237, 227) }
```

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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