

Converting Colors

XYZ(79.6786, 85.4625, 79.0991)

Have a look what the booklet for
XYZ(79.6786, 85.4625, 79.0991)
contains.

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Color

**XYZ(79.5879, 85.3727,
79.3017)**

Conversions

Conversions Part 1

Format	Color
Hex	F0EFDB
RGB	240, 239, 219
RGB Percent	94%, 94%, 86%
CMY	0.0588, 0.0627, 0.1412
CMYK	0.00, 0.00, 0.09, 0.06
HSL	57°, 41%, 90%
HSV	57°, 9%, 94%
XYZ	79.5879, 85.3727, 79.3017
YIQ	237.0190, 7.0160, -6.0080

Conversions

Conversions Part 2

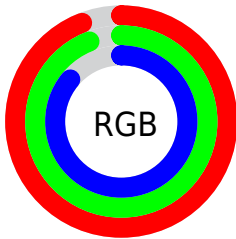
Format	Color
R_{YB}	220, 240, 219
Decimal	15790043
CIE _{Lab}	94.04, -3.05, 9.79
CIE _{LCh}	94, 10.251, 107.321
Yxy	85.3727, 0.3258, 0.3495
Android (android.graphics.Color)	4293980123 (0xFFFF0EFDB)
YUV	237.0190, -8.8834, 2.6143
Hunter-Lab	92.3973, -7.9416, 13.7914

Details

The XYZ color **79.5879, 85.3727, 79.3017** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **70.5349, 72.5368, 92.7225**, and the grayscale version is **80.5753, 84.7715, 92.3162**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4015, 46.7377, 41.8557** is the 20% darker color. If you saturate the color by 10%, you get **76.3222, 83.5379, 63.7326**, and if you desaturate by 10%, it is **83.3160, 87.4014, 97.2745**.

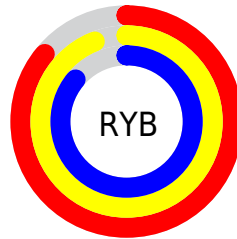
Distribution



Red (94%)

Green (94%)

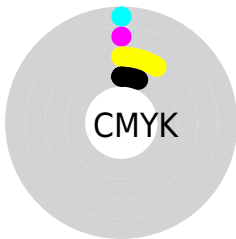
Blue (86%)



Red (86%)

Yellow (94%)

Blue (86%)

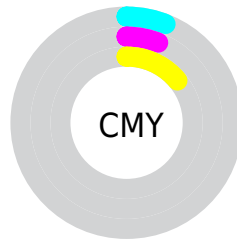


Cyan (0%)

Magenta (0%)

Yellow (9%)

Black (6%)



Cyan (6%)

Magenta (6%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5879, 85.3727, 79.3017 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 79.5879, 85.3727, 79.3017 by changing the saturation by 10% instead.

■ 79.5879, 85.3727,
79.3017

■ 79.5879, 85.3727,
79.3017

482.3007,
512.8605, 512.2210

■ 59.6866, 64.1494,
58.6211

131.7398,
140.8938, 134.1860

■ 43.4146, 46.7717,
41.8902

164.7210,
175.9603, 169.2268

■ 30.4065, 32.8552,
28.6904

202.7930,
216.4101, 209.8915

■ 20.2969, 22.0155,
18.6032

246.3210,
262.6274, 256.5985

■ 12.7206, 13.8683,
11.2100

295.6704,
314.9967, 309.7664

■ 7.3121, 8.0291,
6.0923

351.2066,

■ 3.7061, 4.1136,

373.9024, 369.8138

2.8316

413.2949,
439.7289, 437.1591

■ 1.5372, 1.7373,
1.0093

■ 0.3510, 0.4476,
0.0000

■ 79.5879, 85.3727,
79.3017

■ 79.5879, 85.3727,
79.3017

■ 76.3222, 83.5379,
63.7326

■ 83.3160, 87.4014,
97.2745

■ 73.4925, 81.8780,
50.4594

■ 85.5243, 88.8229,
107.2447

■ 71.0804, 80.3884,
39.3745

■ 85.8627, 89.4997,
107.3575

■ 69.0632, 79.0602,
30.3595

■ 86.2032, 90.1807,
107.4710

67.4164, 77.8835,
23.2845

86.5458, 90.8659,
107.5852

66.1126, 76.8473,
18.0053

86.8906, 91.5554,
107.7001

65.1205, 75.9391,
14.3576

87.2374, 92.2491,
107.8157

64.4033, 75.1442,
12.1468

87.5864, 92.9471,
107.9320

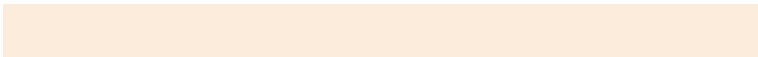
63.9064, 74.4407,
11.0864

87.9375, 93.6493,
108.0491

Harmonies

Analogous

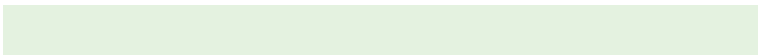
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.3044, 85.3727, 79.0179



79.5879, 85.3727, 79.3017



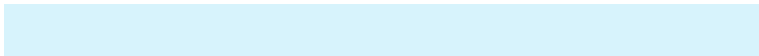
77.3376, 85.3727, 83.1121

Triad

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



79.5879, 85.3727, 79.3017



77.6298, 85.3727, 104.4790



86.3859, 85.3727, 96.3027

Complementary

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



79.5879, 85.3727, 79.3017



70.5349, 72.5368, 92.7225

Split Complementary

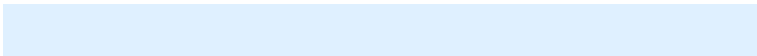
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.0737, 85.3727, 103.5488



79.5879, 85.3727, 79.3017



79.9950, 85.3727, 108.4445

Square

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



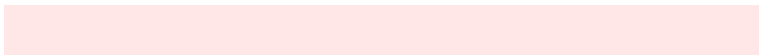
79.5879, 85.3727, 79.3017



76.2247, 85.3727, 97.5148



82.7206, 85.3727, 108.0948



86.2709, 85.3727, 88.5422

Rectangle

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



79.5879, 85.3727, 79.3017



76.3861, 85.3727, 87.2672



82.7206, 85.3727, 108.0948



86.0958, 85.3727, 98.8875

Sweetspot

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



79.5902, 85.3764, 79.3035



93.7270, 99.2858, 102.5033



74.1928, 74.3595, 78.1886



19.9875, 21.2111, 21.5833



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.



79.5902, 85.3764, 79.3035



90.8283, 97.6962, 88.5654



76.7573, 84.3499, 79.2547



17.0549, 18.3230, 16.7875



34.9811, 40.7603, 6.0238



2.9297, 3.4302, 0.5077

Inverse Universe

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



70.5349, 72.5368, 92.7225



79.0174, 80.9494, 106.0679



73.1987, 73.5233, 92.7725



14.9574, 15.3488, 19.8959



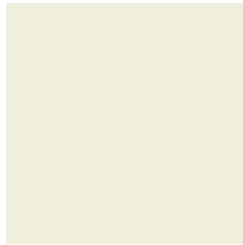
8.7043, 3.6329, 45.3703



0.7451, 0.3442, 3.7814

Previews

White Background



This preview shows how the XYZ color 79.5879, 85.3727, 79.3017 looks on a white background.

Color Contrast Check

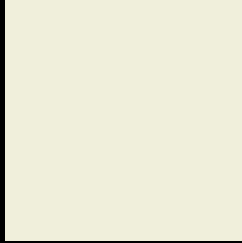
Large Text (above 18pt) WCAG AA × Fail

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 79.5879, 85.3727, 79.3017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

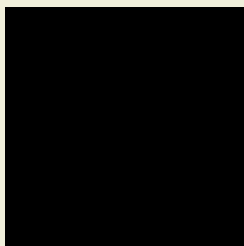
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

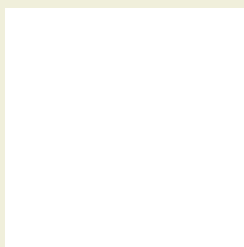
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.5879, 85.3727, 79.3017

Background



This preview shows how black text looks on a background with the XYZ color 79.5879, 85.3727, 79.3017.

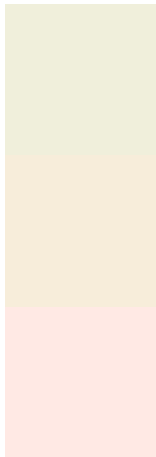


This preview shows how white text looks on a background with the XYZ color 79.5879, 85.3727,

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

79.5879, 85.3727, 79.3017

Protanopia

81.2968, 85.4045, 78.5296

Deuteranopia

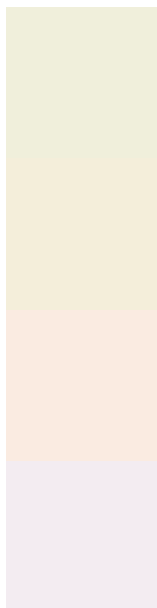
84.3825, 85.1393, 85.3849



Tritanopia

84.8086, 85.3500, 104.9328

Trichromacy



Original Color

79.5879, 85.3727, 79.3017

Protanomaly

80.5377, 85.4441, 78.5772

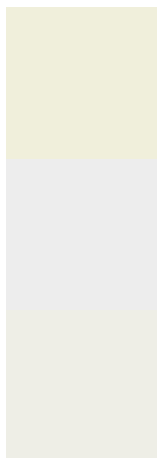
Deuteranomaly

82.7233, 85.1769, 83.3150

Tritanomaly

82.8348, 85.3965, 95.3364

Monochromacy



Original Color

79.5879, 85.3727, 79.3017

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.1174, 85.0394, 87.0545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5879, 85.3727, 79.3017 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(240, 239, 219) looks like.

```
.text, #text, p{  
    color:rgb(240, 239, 219)  
}
```

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(240, 239, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 239, 219) }
```

Border

The CSS property to change the border of an element to XYZ 79.5879, 85.3727, 79.3017 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(240, 239, 219) }
```


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

```
.border{ border-color:rgb(240, 239, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 239, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 239, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 239, 219);  
box-shadow:4px 4px 4px 4px rgb(240, 239,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5879, 85.3727, 79.3017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 239, 219) }
```

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

```
.background{ background-color: rgb(240,  
239, 219) }
```

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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