

Converting Colors

XYZ(79.1441, 85.6981, 79.2076)

Have a look what the booklet for
XYZ(79.1441, 85.6981, 79.2076)
contains.

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Color

**XYZ(79.2062, 85.6118,
79.3679)**

Conversions

Conversions Part 1

Format	Color
Hex	EEF0DB
RGB	238, 240, 219
RGB Percent	93%, 94%, 86%
CMY	0.0667, 0.0588, 0.1412
CMYK	0.01, 0.00, 0.09, 0.06
HSL	66°, 41%, 90%
HSV	66°, 9%, 94%
XYZ	79.2062, 85.6118, 79.3679
YIQ	237.0080, 5.5490, -6.9550

Conversions

Conversions Part 2

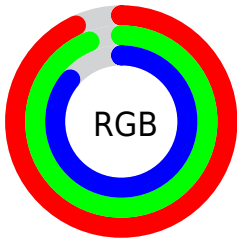
Format	Color
R _Y B	219, 240, 221
Decimal	15659227
CIE Lab	94.15, -4.25, 9.91
CIE LCh	94, 10.785, 113.201
Yxy	85.6118, 0.3244, 0.3506
Android (android.graphics.Color)	4293849307 (0xFFEEF0DB)
YUV	237.0080, -8.8779, 0.8700
Hunter-Lab	92.5266, -9.1191, 13.9106

Details

The XYZ color **79.2062, 85.6118, 79.3679** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **70.8817, 72.3287, 92.6676**, and the grayscale version is **80.5677, 84.7635, 92.3074**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1327, 46.9064, 41.9025** is the 20% darker color. If you saturate the color by 10%, you get **75.5084, 84.0472, 63.8735**, and if you desaturate by 10%, it is **83.3741, 87.3712, 97.2659**.

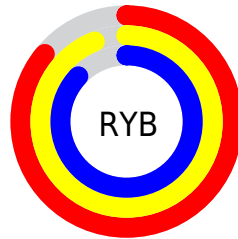
Distribution



Red (93%)

Green (94%)

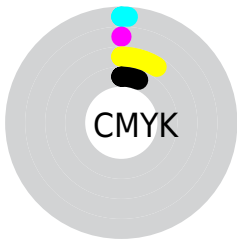
Blue (86%)



Red (86%)

Yellow (94%)

Blue (87%)

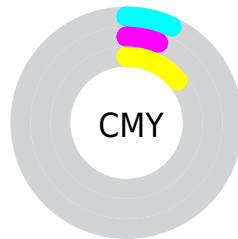


Cyan (1%)

Magenta (0%)

Yellow (9%)

Black (6%)



Cyan (7%)

Magenta (6%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.2062, 85.6118, 79.3679 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 79.2062, 85.6118, 79.3679 by changing the saturation by 10% instead.

79.2062, 85.6118,
79.3679

79.2062, 85.6118,
79.3679

481.0310,
513.6503, 512.4505

59.3716, 64.3470,
58.6752

131.2055,
141.2276, 134.2800

43.1598, 46.9318,
41.9335

164.1009,
176.3475, 169.3366

30.2056, 32.9817,
28.7240

202.0806,
216.8545, 210.0181

20.1435, 22.1125,
18.6284

245.5099,
263.1330, 256.7433

12.6083, 13.9396,
11.2280

294.7543,
315.5674, 309.9306

7.2345, 8.0786,
6.1043

350.1790,

3.6568, 4.1453,

374.5422, 369.9985

2.8388

412.1495,
440.4417, 437.3657

■ 1.5099, 1.7552,
1.0129

■ 0.3325, 0.4590,
0.0000

■ 79.2062, 85.6118,
79.3679

■ 79.2062, 85.6118,
79.3679

■ 75.5084, 84.0472,
63.8735

■ 83.3741, 87.3712,
97.2659

■ 72.2542, 82.6584,
50.6748

■ 86.0299, 88.5240,
107.1603

■ 69.4252, 81.4407,
39.6643

■ 86.8236, 88.9332,
107.1975

■ 66.9988, 80.3852,
30.7234

■ 87.6272, 89.3474,
107.2351

64.9503, 79.4821,
23.7224

88.4406, 89.7668,
107.2731

63.2524, 78.7202,
18.5171

89.2641, 90.1913,
107.3117

61.8737, 78.0871,
14.9429

90.0975, 90.6210,
107.3507

60.7773, 77.5681,
12.8056

90.4518, 90.8036,
107.3673

59.9087, 77.1412,
11.8183

Harmonies

Analogous

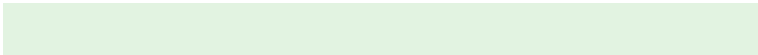
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.0297, 85.6118, 78.3190



79.2062, 85.6118, 79.3679



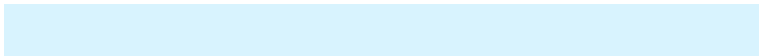
77.0112, 85.6118, 84.0233

Triad

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



79.2062, 85.6118, 79.3679



78.0947, 85.6118, 106.5212



87.0031, 85.6118, 95.1095

Complementary

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



79.2062, 85.6118, 79.3679



70.8817, 72.3287, 92.6676

Split Complementary

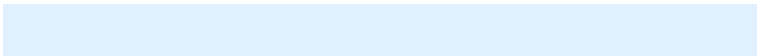
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.8933, 85.6118, 103.0574



79.2062, 85.6118, 79.3679



80.7167, 85.6118, 109.8930

Square

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



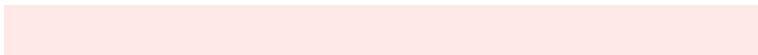
79.2062, 85.6118, 79.3679



76.3801, 85.6118, 99.6147



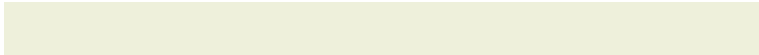
83.5758, 85.6118, 108.5895



86.5756, 85.6118, 87.0987

Rectangle

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



79.2062, 85.6118, 79.3679



76.1772, 85.6118, 88.7016



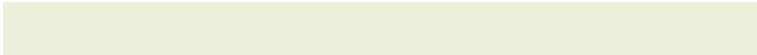
83.5758, 85.6118, 108.5895



86.7966, 85.6118, 97.8825

Sweetspot

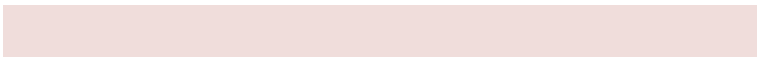
The Sweet Spot groups the original color and five complimentary colors.



79.2085, 85.6155, 79.3697



93.5745, 99.3788, 102.5293



74.5146, 75.2229, 77.6112



19.9462, 21.2363, 21.5903



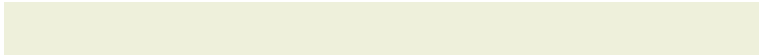
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

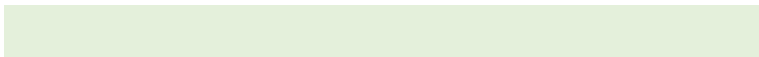
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2085, 85.6155, 79.3697



89.8802, 97.8191, 86.7807



75.8649, 83.8918, 79.2133



16.9655, 18.3779, 16.8028



32.7998, 42.2305, 6.4226



2.7715, 3.5353, 0.5363

Inverse Universe

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



70.8817, 72.3287, 92.6676



78.0189, 78.8922, 105.7234



74.0981, 73.9868, 92.8181



15.0372, 15.3009, 19.8824



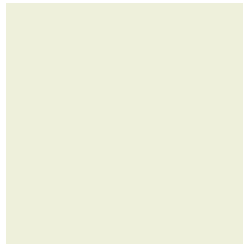
8.8505, 3.5680, 45.3501



0.7833, 0.3211, 3.7749

Previews

White Background



This preview shows how the XYZ color 79.2062, 85.6118, 79.3679 looks on a white background.

Color Contrast Check

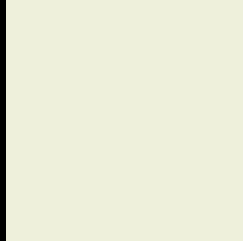
Large Text (above 18pt) WCAG AA × Fail

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 79.2062, 85.6118, 79.3679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

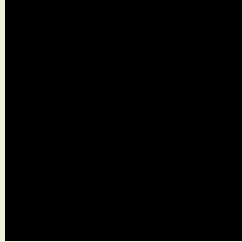
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

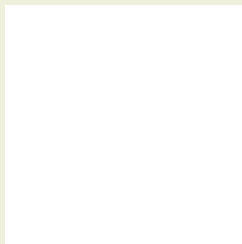
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.2062, 85.6118, 79.3679

Background



This preview shows how black text looks on a background with the XYZ color 79.2062, 85.6118, 79.3679.



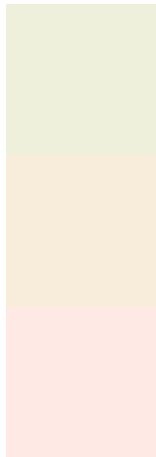
This preview shows how white text looks on a background with the XYZ color 79.2062, 85.6118,

79.3679.

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

79.2062, 85.6118, 79.3679

Protanopia

81.2968, 85.4045, 78.5296

Deuteranopia

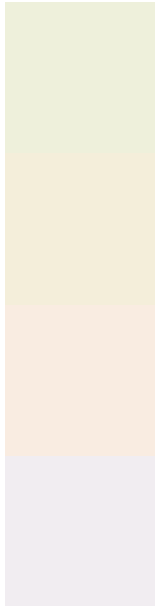
84.5218, 85.1950, 86.1182



Tritanopia

84.4001, 85.5632, 104.9955

Trichromacy



Original Color

79.2062, 85.6118, 79.3679

Protanomaly

80.5377, 85.4441, 78.5772

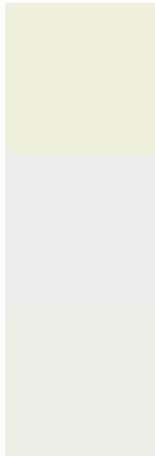
Deuteranomaly

82.6530, 85.5669, 83.3939

Tritanomaly

82.4370, 85.6200, 95.4005

Monochromacy



Original Color

79.2062, 85.6118, 79.3679

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.7825, 84.8668, 87.0388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2062, 85.6118, 79.3679 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, 240, 219) looks like.

```
.text, #text, p{  
    color:rgb(238, 240, 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(238, 240, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 240, 219) }
```

Border

The CSS property to change the border of an element to XYZ 79.2062, 85.6118, 79.3679 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, 240, 219) }
```


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

```
.border{ border-color:rgb(238, 240, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 240, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 240, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 240, 219);  
box-shadow:4px 4px 4px 4px rgb(238, 240,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2062, 85.6118, 79.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 240, 219) }
```

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

```
.background{ background-color: rgb(238,  
240, 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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