

Converting Colors

XYZ(79.2303, 85.8346, 83.8789)

Have a look what the booklet for
XYZ(79.2303, 85.8346, 83.8789)
contains.

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Color

**XYZ(79.3069, 86.0090,
83.6556)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF1E1
RGB	235, 241, 225
RGB Percent	92%, 95%, 88%
CMY	0.0784, 0.0549, 0.1176
CMYK	0.02, 0.00, 0.07, 0.05
HSL	83°, 36%, 91%
HSV	83°, 7%, 95%
XYZ	79.3069, 86.0090, 83.6556
YIQ	237.3820, 1.5600, -6.2480

Conversions

Conversions Part 2

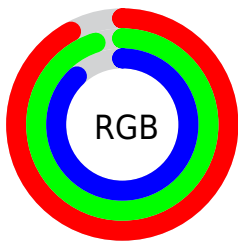
Format	Color
R_{YB}	225, 241, 231
Decimal	15462881
CIE Lab	94.32, -4.78, 7.02
CIE LCh	94, 8.496, 124.261
Yxy	86.0090, 0.3185, 0.3455
Android (android.graphics.Color)	4293652961 (0xFFEBF1E1)
YUV	237.3820, -6.1043, -2.0890
Hunter-Lab	92.7410, -9.6537, 11.4371

Details

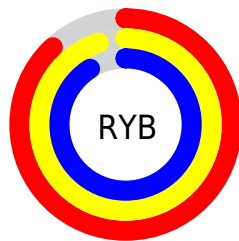
The XYZ color **79.3069, 86.0090, 83.6556** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.7606, 77.1925, 94.1302**, and the grayscale version is **80.8374, 85.0473, 92.6165**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1951, 47.1839, 44.8610** is the 20% darker color. If you saturate the color by 10%, you get **73.3394, 83.2886, 67.4083**, and if you desaturate by 10%, it is **85.8951, 89.0007, 102.3579**.

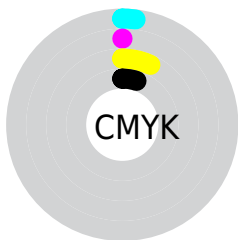
Distribution



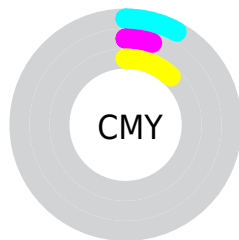
- Red (92%)
- Green (95%)
- Blue (88%)



- Red (88%)
- Yellow (95%)
- Blue (91%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)



- Cyan (8%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3069, 86.0090, 83.6556 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 79.3069, 86.0090, 83.6556 by changing the saturation by 10% instead.

79.3069, 86.0090,
83.6556

79.3069, 86.0090,
83.6556

481.3661,
514.9609, 527.1970

59.4547, 64.6754,
62.1874

131.3465,
141.7820, 140.3507

43.2270, 47.1979,
44.7474

164.2645,
176.9903, 176.4147

30.2586, 33.1922,
30.9170

202.2686,
217.5922, 218.1811

20.1840, 22.2737,
20.2777

245.7240,
263.9722, 266.0683

12.6379, 14.0581,
12.4110

294.9961,
316.5147, 320.4950

7.2549, 8.1611,
6.8983

350.4502,

3.6698, 4.1982,

375.6040, 381.8797

3.3211

412.4518,
441.6246, 450.6408

■ 1.5171, 1.7850,
1.2608

■ 0.3374, 0.4778,
0.0294

■ 79.3069, 86.0090,
83.6556

■ 79.3069, 86.0090,
83.6556

■ 73.3394, 83.2886,
67.4083

■ 85.8951, 89.0007,
102.3579

■ 67.9639, 80.8195,
53.5085

■ 90.0459, 91.0325,
107.4328

■ 63.1597, 78.5960,
41.8489

■ 90.7470, 91.3940,
107.4657

■ 58.9022, 76.6078,
32.3119

■ 55.1646, 74.8441,
24.7688

■ 51.9175, 73.2928,
19.0774

■ 49.1277, 71.9402,
15.0762

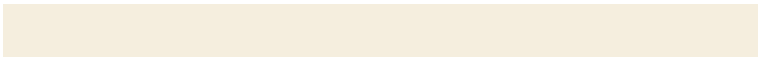
■ 46.7567, 70.7708,
12.5764

■ 44.7567, 69.7651,
11.3396

Harmonies

Analogous

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



81.4239, 86.0090, 81.6838



79.3069, 86.0090, 83.6556



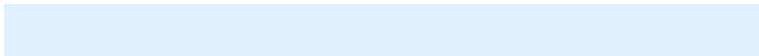
77.8651, 86.0090, 88.3044

Triad

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



79.3069, 86.0090, 83.6556



79.8608, 86.0090, 105.4142



86.1970, 86.0090, 92.7199

Complementary

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



79.3069, 86.0090, 83.6556



75.7606, 77.1925, 94.1302

Split Complementary

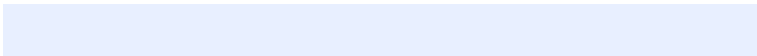
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.7599, 86.0090, 99.2054



79.3069, 86.0090, 83.6556



82.0750, 86.0090, 106.7295

Square

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



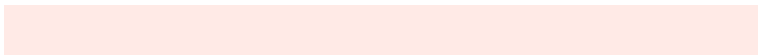
79.3069, 86.0090, 83.6556



78.1807, 86.0090, 100.8931



84.2407, 86.0090, 104.4085



85.4242, 86.0090, 86.7606

Rectangle

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



79.3069, 86.0090, 83.6556



77.4661, 86.0090, 92.3998



84.2407, 86.0090, 104.4085



86.1868, 86.0090, 94.9097

Sweetspot

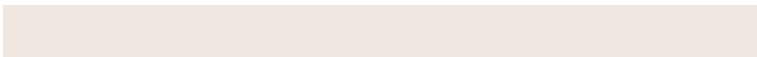
The Sweet Spot groups the original color and five complimentary colors.



79.3093, 86.0127, 83.6575



93.5392, 99.3148, 104.5999



78.4079, 81.2171, 82.7793



20.0371, 21.2647, 22.4337



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.



79.3093, 86.0127, 83.6575



89.1778, 97.3323, 92.3814



76.7692, 84.7032, 83.5386



16.5149, 18.1456, 16.7817



24.0909, 37.7409, 6.0150



2.1140, 3.1963, 0.5055

Inverse Universe

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



75.7606, 77.1925, 94.1302



84.3489, 85.3300, 106.6324



78.3570, 78.5310, 94.2517



15.4576, 15.5176, 19.9021



11.0556, 4.7048, 45.4533



1.0265, 0.4464, 3.7863

Previews

White Background



This preview shows how the XYZ color 79.3069, 86.0090, 83.6556 looks on a white background.

Color Contrast Check

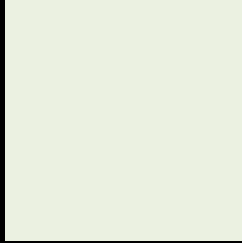
Large Text (above 18pt) WCAG AA × Fail

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 79.3069, 86.0090, 83.6556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

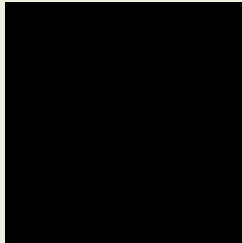
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

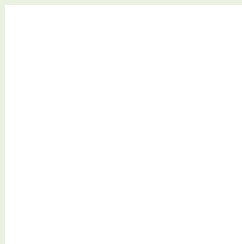
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.3069, 86.0090, 83.6556

Background



This preview shows how black text looks on a background with the XYZ color 79.3069, 86.0090, 83.6556.



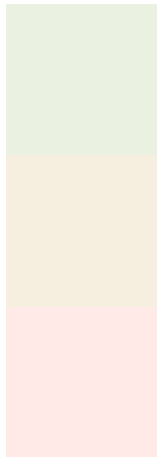
This preview shows how white text looks on a background with the XYZ color 79.3069, 86.0090,

83.6556.

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

79.3069, 86.0090, 83.6556

Protanopia

81.8999, 86.0696, 82.1085

Deuteranopia

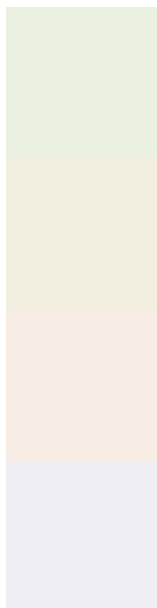
85.2283, 85.9318, 88.4384



Tritanopia

84.2694, 86.3136, 106.8265

Trichromacy



Original Color

79.3069, 86.0090, 83.6556

Protanomaly

80.9390, 85.9921, 82.8532

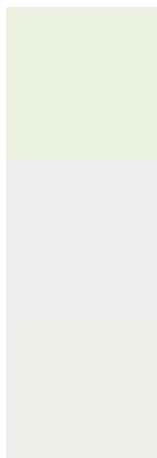
Deuteranomaly

83.1384, 86.1820, 86.3817

Tritanomaly

82.1636, 85.8579, 97.8297

Monochromacy



Original Color

79.3069, 86.0090, 83.6556

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.8746, 84.8651, 89.2616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3069, 86.0090, 83.6556 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(235, 241, 225) looks like.

```
.text, #text, p{  
    color:rgb(235, 241, 225)  
}
```

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(235, 241, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 241, 225) }
```

Border

The CSS property to change the border of an element to XYZ 79.3069, 86.0090, 83.6556 is called "border". The border property can be set on classes, ids or directly on the HTML element.

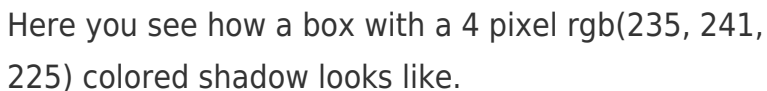
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 241, 225) }
```


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

```
.border{ border-color:rgb(235, 241, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 241, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 241, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 241, 225); box-shadow:4px 4px 4px 4px rgb(235, 241, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3069, 86.0090, 83.6556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 241, 225) }
```

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

```
.background{ background-color: rgb(235,  
241, 225) }
```

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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