

Converting Colors

XYZ(80.8005, 86.4100, 85.0017)

Have a look what the booklet for
XYZ(80.8005, 86.4100, 85.0017)
contains.

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Color

**XYZ(80.6218, 86.2170,
85.0654)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF0E3
RGB	239, 240, 227
RGB Percent	94%, 94%, 89%
CMY	0.0627, 0.0588, 0.1098
CMYK	0.00, 0.00, 0.05, 0.06
HSL	65°, 30%, 92%
HSV	65°, 5%, 94%
XYZ	80.6218, 86.2170, 85.0654
YIQ	238.2190, 3.5770, -4.2550

Conversions

Conversions Part 2

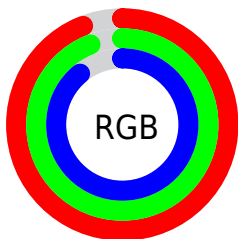
Format	Color
R_{YB}	227, 240, 228
Decimal	15724771
CIE _{Lab}	94.41, -2.58, 6.15
CIE _{LCh}	94, 6.670, 112.742
Yxy	86.2170, 0.3200, 0.3423
Android (android.graphics.Color)	4293914851 (0xFFE0E3)
YUV	238.2190, -5.5310, 0.6849
Hunter-Lab	92.8531, -7.5063, 10.6799

Details

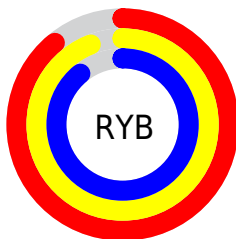
The XYZ color **80.6218, 86.2170, 85.0654** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.1957, 77.7258, 93.4821**, and the grayscale version is **81.4793, 85.7225, 93.3519**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1153, 47.3268, 45.8396** is the 20% darker color. If you saturate the color by 10%, you get **76.9155, 84.6653, 68.7888**, and if you desaturate by 10%, it is **84.8012, 87.9642, 103.7781**.

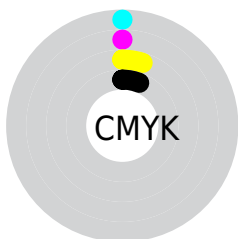
Distribution



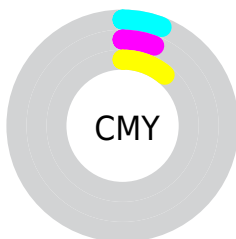
- Red (94%)
- Green (94%)
- Blue (89%)



- Red (89%)
- Yellow (94%)
- Blue (89%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (6%)



- Cyan (6%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.6218, 86.2170, 85.0654 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 80.6218, 86.2170, 85.0654 by changing the saturation by 10% instead.

80.6218, 86.2170,
85.0654

80.6218, 86.2170,
85.0654

485.7306,
515.6465, 531.9947

60.5404, 64.8474,
63.3450

133.1855,
142.0723, 142.3395

44.1055, 47.3374,
45.6775

166.3986,
177.3268, 178.7303

30.9517, 33.3024,
31.6446

204.7195,
217.9783, 220.8482

20.7137, 22.3582,
20.8276

248.5138,
264.4114, 269.1119

13.0262, 14.1204,
12.8080

298.1466,
317.0104, 323.9398

7.5237, 8.2044,
7.1673

353.9835,

3.8409, 4.2260,

376.1596, 385.7506

3.4869

416.3897,
442.2435, 454.9627

■ 1.6125, 1.8008,
1.3483

■ 0.4006, 0.4877,
0.1009

■ 80.6218, 86.2170,
85.0654

■ 80.6218, 86.2170,
85.0654

■ 76.9155, 84.6653,
68.7888

■ 84.8012, 87.9642,
103.7781

■ 73.6560, 83.2903,
54.8427

■ 86.0740, 88.5468,
107.1624

■ 70.8255, 82.0876,
43.1219

■ 86.7163, 88.8779,
107.1925

■ 68.4020, 81.0484,
33.5113

■ 87.3651, 89.2124,
107.2228

66.3616, 80.1633,
25.8850

88.0204, 89.5502,
107.2535

64.6780, 79.4215,
20.1043

88.6822, 89.8914,
107.2845

63.3213, 78.8113,
16.0121

89.3505, 90.2359,
107.3157

62.2567, 78.3186,
13.4256

90.0254, 90.5838,
107.3473

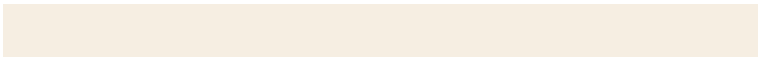
61.4416, 77.9265,
12.1195

90.4518, 90.8037,
107.3673

Harmonies

Analogous

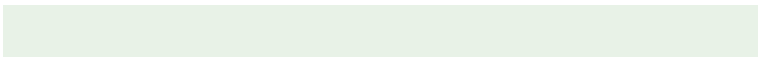
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.3828, 86.2170, 84.4226



80.6218, 86.2170, 85.0654



79.2346, 86.2170, 88.0271

Triad

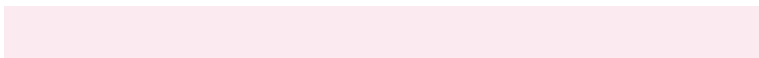
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.6218, 86.2170, 85.0654



79.8782, 86.2170, 101.9512



85.4126, 86.2170, 95.1279

Complementary

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



80.6218, 86.2170, 85.0654



75.1957, 77.7258, 93.4821

Split Complementary

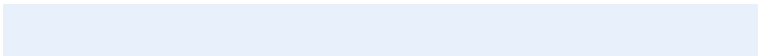
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.7199, 86.2170, 99.9777



80.6218, 86.2170, 85.0654



81.5121, 86.2170, 104.0092

Square

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



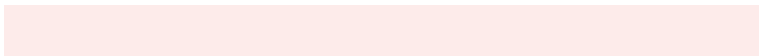
80.6218, 86.2170, 85.0654



78.8097, 86.2170, 97.7425



83.2860, 86.2170, 103.2742



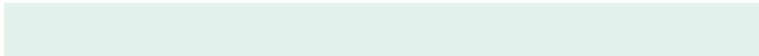
85.1658, 86.2170, 90.1121

Rectangle

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



80.6218, 86.2170, 85.0654



78.6999, 86.2170, 90.9783



83.2860, 86.2170, 103.2742



85.2816, 86.2170, 96.8339

Sweetspot

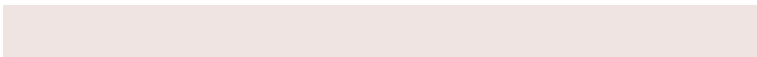
The Sweet Spot groups the original color and five complimentary colors.



80.6242, 86.2207, 85.0673



94.0948, 99.6012, 104.6259



77.5099, 79.4871, 83.9317



20.1502, 21.3229, 22.4390



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.



80.6242, 86.2207, 85.0673



91.8024, 98.6425, 94.4371



78.5131, 85.1324, 84.9685



17.1499, 18.4581, 17.4856



33.5085, 42.5958, 6.4557



2.8231, 3.5619, 0.5387

Inverse Universe

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



75.1957, 77.7258, 93.4821



83.8155, 86.1442, 106.8177



77.2522, 78.7860, 93.5783



15.5412, 15.9406, 19.9793



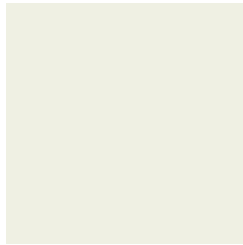
8.7939, 3.5388, 45.3474



0.7705, 0.3145, 3.7743

Previews

White Background



This preview shows how the XYZ color 80.6218, 86.2170, 85.0654 looks on a white background.

Color Contrast Check

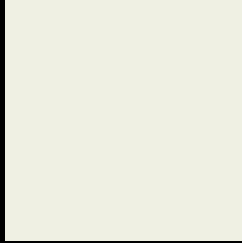
Large Text (above 18pt) WCAG AA × Fail

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 80.6218, 86.2170, 85.0654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

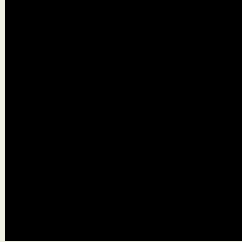
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

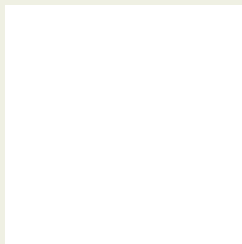
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.6218, 86.2170, 85.0654

Background



This preview shows how black text looks on a background with the XYZ color 80.6218, 86.2170, 85.0654.



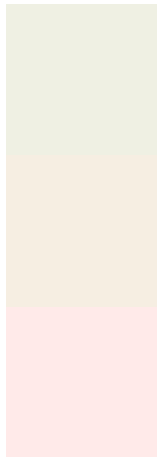
This preview shows how white text looks on a background with the XYZ color 80.6218, 86.2170,

85.0654.

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

80.6218, 86.2170, 85.0654

Protanopia

82.3080, 86.2329, 84.2580

Deuteranopia

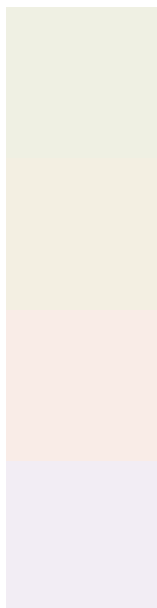
85.3708, 85.9888, 89.1888



Tritanopia

84.8470, 86.2013, 105.9325

Trichromacy



Original Color

80.6218, 86.2170, 85.0654

Protanomaly

81.5561, 86.2787, 84.3065

Deuteranomaly

83.4862, 85.9002, 87.7815

Tritanomaly

83.2313, 85.9773, 97.7965

Monochromacy



Original Color

80.6218, 86.2170, 85.0654

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.9777, 85.8507, 90.1448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.6218, 86.2170, 85.0654 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(239, 240, 227) looks like.

```
.text, #text, p{  
    color:rgb(239, 240, 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(239, 240, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 240, 227) }
```

Border

The CSS property to change the border of an element to XYZ 80.6218, 86.2170, 85.0654 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(239, 240, 227) }
```


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

```
.border{ border-color:rgb(239, 240, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 240, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 240, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 240, 227);  
box-shadow:4px 4px 4px 4px rgb(239, 240,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 80.6218, 86.2170, 85.0654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 240, 227) }
```

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

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