

Converting Colors

XYZ(76.8249, 86.0841, 62.4360)

Have a look what the booklet for
XYZ(76.8249, 86.0841, 62.4360)
contains.

XYZ(76.8249, 86.0841, 62.4360)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.8249, 86.0841,
62.4360)**

Conversions

Conversions Part 1

Format	Color
Hex	EEF3C0
RGB	238, 243, 192
RGB Percent	93%, 95%, 75%
CMY	0.0667, 0.0470, 0.2471
CMYK	0.02, 0.00, 0.21, 0.05
HSL	66°, 68%, 85%
HSV	66°, 21%, 95%
XYZ	76.8249, 86.0841, 62.4360
YIQ	235.6910, 13.3910, -16.9210

Conversions

Conversions Part 2

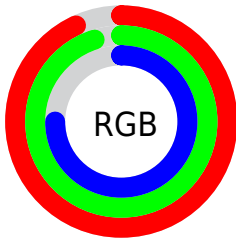
Format	Color
R_{YB}	192, 243, 197
Decimal	15659968
CIE Lab	94.35, -9.88, 24.10
CIE LCh	94, 26.046, 112.301
Yxy	86.0841, 0.3409, 0.3820
Android (android.graphics.Color)	4293850048 (0xFFEEF3C0)
YUV	235.6910, -21.5397, 2.0250
Hunter-Lab	92.7815, -14.5662, 25.0487

Details

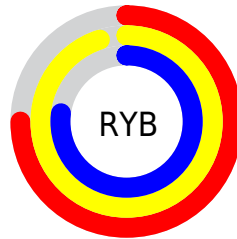
The XYZ color **76.8249, 86.0841, 62.4360** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **58.0567, 56.0430, 92.5563**, and the grayscale version is **79.6467, 83.7946, 91.2523**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **41.6492, 47.3207, 30.9834** is the 20% darker color. If you saturate the color by 10%, you get **73.5571, 84.6880, 49.3697**, and if you desaturate by 10%, it is **80.5524, 87.6711, 77.8478**.

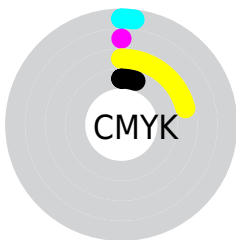
Distribution



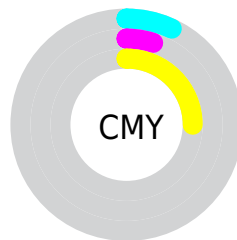
- Red (93%)
- Green (95%)
- Blue (75%)



- Red (75%)
- Yellow (95%)
- Blue (77%)



- Cyan (2%)
- Magenta (0%)
- Yellow (21%)
- Black (5%)



- Cyan (7%)
- Magenta (5%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.8249, 86.0841, 62.4360 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 76.8249, 86.0841, 62.4360 by changing the saturation by 10% instead.

76.8249, 86.0841,
62.4360

76.8249, 86.0841,
62.4360

473.0679,
515.2085, 451.5712

57.4086, 64.7375,
44.9470

127.8664,
141.8868, 109.9331

41.5748, 47.2483,
31.0731

160.2224,
177.1118, 140.7784

28.9581, 33.2320,
20.3956

197.6222,
217.7317, 176.9128

19.1933, 22.3042,
12.4960

240.4314,
264.1308, 218.7549

11.9149, 14.0806,
6.9558

289.0152,
316.6937, 266.7232

6.7575, 8.1767,
3.3564

343.7390,

3.3559, 4.2083,

375.8047, 321.2364

1.2794

404.9681,
441.8481, 382.7128

■ 1.3446, 1.7907,
0.0448

■ 0.2163, 0.4814,
0.0000

■ 76.8249, 86.0841,
62.4360

■ 76.8249, 86.0841,
62.4360

■ 73.5571, 84.6880,
49.3697

■ 80.5524, 87.6711,
77.8478

■ 70.7205, 83.4627,
38.5287


■ 84.7533, 89.4458,
95.7066


■ 68.2935, 82.4024,
29.7902


■ 87.8127, 90.7652,
107.4989


■ 66.2503, 81.4969,
23.0175


■ 88.6509, 91.1973,
107.5382


 64.5617, 80.7344,
18.0578


 89.4998, 91.6349,
107.5779


 63.1944, 80.1017,
14.7358

 90.3595, 92.0781,
107.6181

 62.1085, 79.5827,
12.8414

 91.2301, 92.5269,
107.6589

 61.3132, 79.1893,
12.0535

 91.3424, 92.5848,
107.6641

Harmonies

Analogous

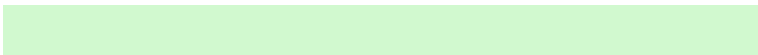
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.6342, 86.0841, 60.5243



76.8249, 86.0841, 62.4360



71.6392, 86.0841, 72.1067

Triad

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



76.8249, 86.0841, 62.4360



73.8731, 86.0841, 127.6081



95.8764, 86.0841, 98.9829

Complementary

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



76.8249, 86.0841, 62.4360



58.0567, 56.0430, 92.5563

Split Complementary

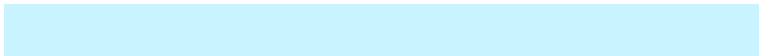
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.9231, 86.0841, 119.2965



76.8249, 86.0841, 62.4360



80.0329, 86.0841, 137.2883

Square

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



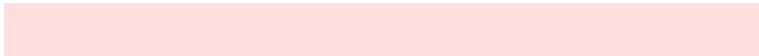
76.8249, 86.0841, 62.4360



70.0039, 86.0841, 109.1110



87.0278, 86.0841, 134.0479



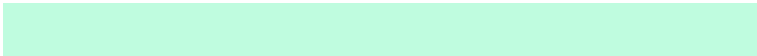
94.8969, 86.0841, 79.8686

Rectangle

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



76.8249, 86.0841, 62.4360



69.6716, 86.0841, 82.5085



87.0278, 86.0841, 134.0479



95.3051, 86.0841, 105.9275

Sweetspot

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



76.8271, 86.0879, 62.4378



92.1334, 98.7698, 96.4131



66.2758, 62.4555, 58.4324



19.6549, 21.1132, 20.3586



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

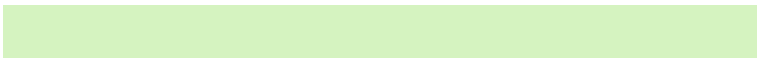
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.8271, 86.0879, 62.4378



84.1671, 95.3853, 63.4097



69.0813, 82.0948, 62.0753



17.7450, 19.2261, 17.5733



33.7137, 43.4929, 6.6181



3.0087, 3.8461, 0.5838

Inverse Universe

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



58.0567, 56.0430, 92.5563



59.8942, 56.5295, 102.3623



65.0777, 59.6625, 92.8849



15.7320, 16.0045, 20.8026



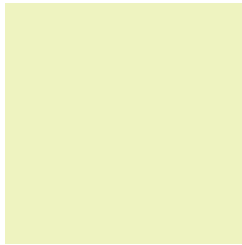
9.1334, 3.6828, 46.7675



0.8524, 0.3493, 4.1127

Previews

White Background



This preview shows how the XYZ color 76.8249, 86.0841, 62.4360 looks on a white background.

Color Contrast Check

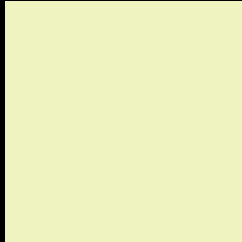
Large Text (above 18pt) WCAG AA × Fail

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 76.8249, 86.0841, 62.4360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

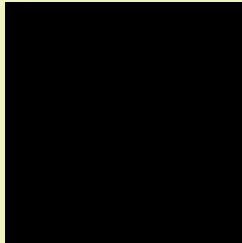
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

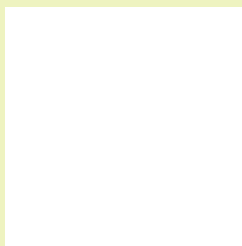
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.8249, 86.0841, 62.4360

Background



This preview shows how black text looks on a background with the XYZ color 76.8249, 86.0841, 62.4360.

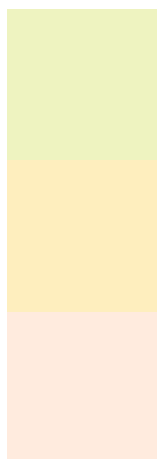


This preview shows how white text looks on a background with the XYZ color 76.8249, 86.0841,

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

76.8249, 86.0841, 62.4360

Protanopia

80.7419, 85.9376, 61.0473

Deuteranopia

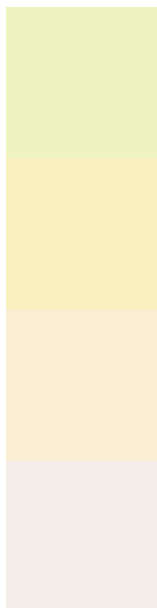
84.1331, 85.9506, 81.2631



Tritanopia

85.4440, 86.1013, 105.0443

Trichromacy



Original Color

76.8249, 86.0841, 62.4360

Protanomaly

79.2755, 86.0382, 61.7190

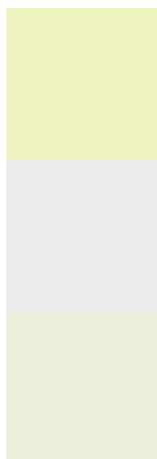
Deuteranomaly

81.3993, 85.9920, 73.9359

Tritanomaly

81.9605, 85.9733, 87.8760

Monochromacy



Original Color

76.8249, 86.0841, 62.4360

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

78.7098, 84.9048, 79.9500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.8249, 86.0841, 62.4360 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, 243, 192)` looks like.

```
.text, #text, p{  
    color:rgb(238, 243, 192)  
}
```

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, 243, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 243, 192) }
```

Border

The CSS property to change the border of an element to XYZ 76.8249, 86.0841, 62.4360 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, 243, 192) }
```


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

```
.border{ border-color:rgb(238, 243, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 243, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 243, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 243, 192);  
box-shadow:4px 4px 4px 4px rgb(238, 243,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 76.8249, 86.0841, 62.4360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 243, 192) }
```

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

```
.background{ background-color: rgb(238,  
243, 192) }
```

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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