

Converting Colors

XYZ(74.5953, 80.7044, 83.9642)

Have a look what the booklet for
XYZ(74.5953, 80.7044, 83.9642)
contains.

XYZ(74.6520, 80.5604, 84.2882)	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(74.6520, 80.5604,
84.2882)**

Conversions

Conversions Part 1

Format	Color
Hex	E2EAE3
RGB	226, 234, 227
RGB Percent	89%, 92%, 89%
CMY	0.1137, 0.0823, 0.1098
CMYK	0.03, 0.00, 0.03, 0.08
HSL	127°, 16%, 90%
HSV	127°, 3%, 92%
XYZ	74.6520, 80.5604, 84.2882
YIQ	230.8100, -2.5210, -3.8730

Conversions

Conversions Part 2

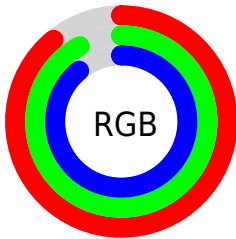
Format	Color
R_{YB}	226, 233, 234
Decimal	14871267
CIE Lab	91.94, -3.92, 2.46
CIE LCh	92, 4.625, 147.910
Yxy	80.5604, 0.3117, 0.3364
Android (android.graphics.Color)	4293061347 (0xFFE2EAE3)
YUV	230.8100, -1.8783, -4.2184
Hunter-Lab	89.7554, -8.6088, 7.1503

Details

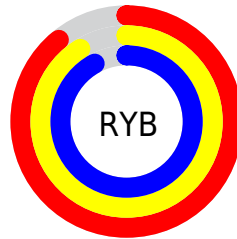
The XYZ color **74.6520, 80.5604, 84.2882** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.8390, 77.7705, 88.1088**, and the grayscale version is **75.8312, 79.7803, 86.8807**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1614, 43.4773, 45.3049** is the 20% darker color. If you saturate the color by 10%, you get **65.1489, 75.9711, 69.9576**, and if you desaturate by 10%, it is **85.4972, 85.8074, 100.4396**.

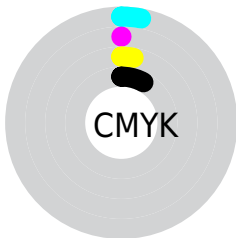
Distribution



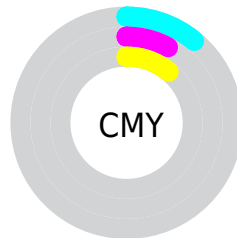
- Red (89%)
- Green (92%)
- Blue (89%)



- Red (89%)
- Yellow (91%)
- Blue (92%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)



- Cyan (11%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6520, 80.5604, 84.2882 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 74.6520, 80.5604, 84.2882 by changing the saturation by 10% instead.

■ 74.6520, 80.5604,
84.2882

■ 74.6520, 80.5604,
84.2882

465.7362,
496.8194, 529.3528

■ 55.6210, 60.1796,
62.7066

124.8102,
134.1533, 141.2436

■ 40.1350, 43.5634,
45.1645

156.6681,
168.1343, 177.4545

■ 27.8285, 30.3274,
31.2431

193.5323,
207.4174, 219.3789

■ 18.3362, 20.0873,
20.5240

235.7683,
252.3871, 267.4354

■ 11.2928, 12.4585,
12.5887

283.7413,
303.4277, 322.0425

■ 6.3329, 7.0567,
7.0185

337.8167,

■ 3.0911, 3.4976,

360.9237, 383.6187

3.3951

398.3599,
425.2595, 452.5827

■ 1.2021, 1.3967,
1.2997

■ 0.1080, 0.2143,
0.0616

■ 74.6520, 80.5604,
84.2882

■ 74.6520, 80.5604,
84.2882

■ 65.1489, 75.9711,
69.9576

■ 85.4972, 85.8074,
100.4396

■ 56.9292, 72.0035,
57.3789

■ 88.7143, 87.3287,
106.7881

■ 49.9397, 68.6341,
46.4863

■ 44.1208, 65.8338,
37.2082

■ 39.4082, 63.5708,
29.4677

■ 35.7311, 61.8105,
23.1818

■ 33.0105, 60.5141,
18.2594

■ 31.1559, 59.6371,
14.5992

■ 30.0586, 59.1259,
12.0860

Harmonies

Analogous

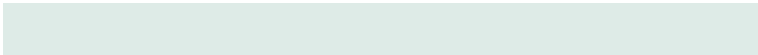
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.5064, 80.5604, 82.0638



74.6520, 80.5604, 84.2882



74.3110, 80.5604, 87.4783

Triad

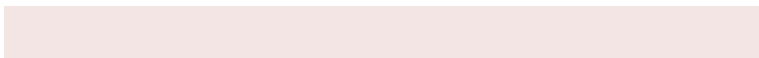
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6520, 80.5604, 84.2882



76.4870, 80.5604, 94.4152



78.6058, 80.5604, 84.6911

Complementary

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



74.6520, 80.5604, 84.2882



75.8390, 77.7705, 88.1088

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.



78.8748, 80.5604, 87.9553



74.6520, 80.5604, 84.2882



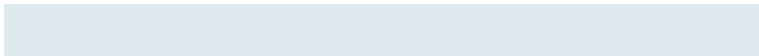
77.6440, 80.5604, 93.6231

Square

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



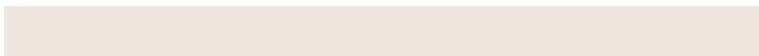
74.6520, 80.5604, 84.2882



75.3636, 80.5604, 93.3743



78.5211, 80.5604, 91.2367



77.7897, 80.5604, 82.2922

Rectangle

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



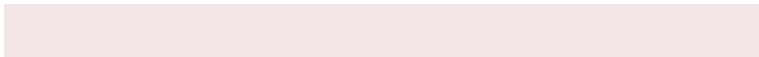
74.6520, 80.5604, 84.2882



74.4180, 80.5604, 89.7430



78.5211, 80.5604, 91.2367



78.7636, 80.5604, 85.7209

Sweetspot

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



74.6543, 80.5639, 84.2900



93.7608, 99.3767, 106.9753



76.7797, 81.6755, 83.6709



20.0823, 21.2773, 22.9174



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.



74.6543, 80.5639, 84.2900



89.9924, 97.5549, 101.3356



75.2038, 80.7837, 87.1840



15.9407, 17.3740, 17.8916



16.6849, 33.1284, 6.3059



1.3350, 2.6113, 0.6258

Inverse Universe

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



75.8390, 77.7705, 88.1088



91.6774, 93.5820, 106.7669



75.2829, 77.5480, 85.1802



16.2940, 16.5410, 19.0304



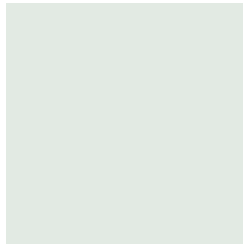
25.2763, 12.3132, 33.5859



2.0075, 0.9760, 2.7570

Previews

White Background



This preview shows how the XYZ color 74.6520, 80.5604, 84.2882 looks on a white background.

Color Contrast Check

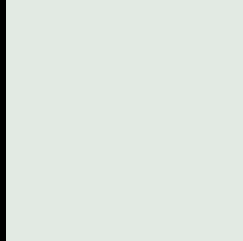
Large Text (above 18pt) WCAG AA × Fail

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 74.6520, 80.5604, 84.2882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

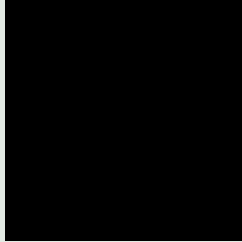
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

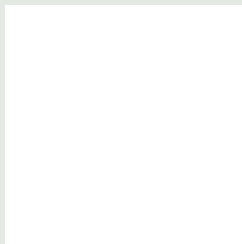
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6520, 80.5604, 84.2882

Background



This preview shows how black text looks on a background with the XYZ color 74.6520, 80.5604, 84.2882.



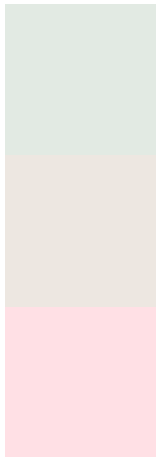
This preview shows how white text looks on a background with the XYZ color 74.6520, 80.5604,

84.2882.

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

74.6520, 80.5604, 84.2882

Protanopia

77.0916, 80.5926, 82.7269

Deuteranopia

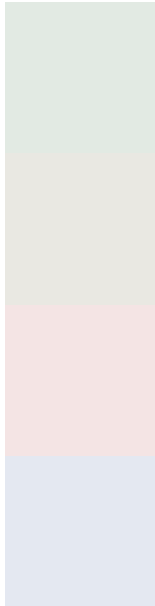
82.0385, 80.2285, 85.2905



Tritanopia

77.9879, 80.6494, 101.0790

Trichromacy



Original Color

74.6520, 80.5604, 84.2882

Protanomaly

76.1884, 80.5279, 83.4794

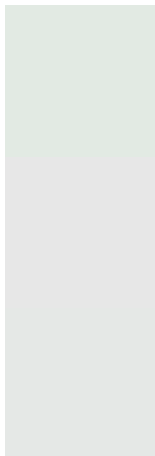
Deuteranomaly

79.0552, 80.3213, 84.7357

Tritanomaly

76.7287, 80.5581, 94.7243

Monochromacy



Original Color

74.6520, 80.5604, 84.2882

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.4526, 80.0844, 86.3440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6520, 80.5604, 84.2882 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(226, 234, 227) looks like.

```
.text, #text, p{  
    color:rgb(226, 234, 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(226, 234, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 234, 227) }
```

Border

The CSS property to change the border of an element to XYZ 74.6520, 80.5604, 84.2882 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(226, 234, 227) }
```


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

```
.border{ border-color:rgb(226, 234, 227) }
```

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

Here you see how a box with a 4 pixel rgb(226, 234, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 234, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 234, 227);  
box-shadow:4px 4px 4px 4px rgb(226, 234,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6520, 80.5604, 84.2882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 234, 227) }
```

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

```
.background{ background-color: rgb(226,  
234, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor