

Converting Colors

XYZ(76.3112, 84.4889, 84.3862)

Have a look what the booklet for
XYZ(76.3112, 84.4889, 84.3862)
contains.

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Color

**XYZ(76.2341, 84.4091,
84.2261)**

Conversions

Conversions Part 1

Format	Color
Hex	E1F1E2
RGB	225, 241, 226
RGB Percent	88%, 95%, 89%
CMY	0.1176, 0.0549, 0.1137
CMYK	0.07, 0.00, 0.06, 0.05
HSL	124°, 36%, 91%
HSV	124°, 7%, 95%
XYZ	76.2341, 84.4091, 84.2261
YIQ	234.5060, -4.7210, -8.0570

Conversions

Conversions Part 2

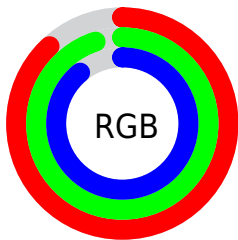
Format	Color
R_{YB}	225, 240, 241
Decimal	14807522
CIE Lab	93.63, -7.98, 5.42
CIE LCh	94, 9.643, 145.804
Yxy	84.4091, 0.3113, 0.3447
Android (android.graphics.Color)	4292997602 (0xFFE1F1E2)
YUV	234.5060, -4.1935, -8.3368
Hunter-Lab	91.8744, -12.6674, 9.9578

Details

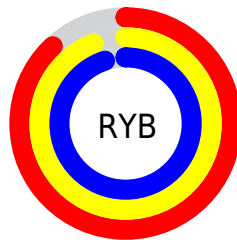
The XYZ color **76.2341, 84.4091, 84.2261** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.9321, 78.8446, 93.5006**, and the grayscale version is **78.6256, 82.7202, 90.0823**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2772, 46.1842, 45.2670** is the 20% darker color. If you saturate the color by 10%, you get **66.3458, 79.6489, 68.6317**, and if you desaturate by 10%, it is **87.5962, 89.8867, 102.0257**.

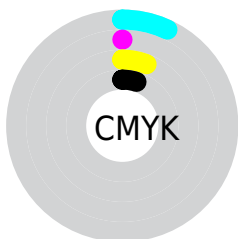
Distribution



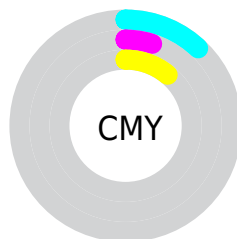
- Red (88%)
- Green (95%)
- Blue (89%)



- Red (88%)
- Yellow (94%)
- Blue (95%)



- Cyan (7%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)



- Cyan (12%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2341, 84.4091, 84.2261 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 76.2341, 84.4091, 84.2261 by changing the saturation by 10% instead.

76.2341, 84.4091,
84.2261

76.2341, 84.4091,
84.2261

471.0808,
509.6708, 529.1414

56.9222, 63.3533,
62.6557

127.0364,
139.5473, 141.1560

41.1827, 46.1270,
45.1235

159.2574,
174.3984, 177.3525

28.6502, 32.3461,
31.2110

196.5123,
214.6168, 219.2614

18.9593, 21.6260,
20.4998

239.1663,
260.5868, 267.3013

11.7447, 13.5823,
12.5712

287.5848,
312.6928, 321.8907

6.6410, 7.8308,
7.0067

342.1331,

3.2830, 3.9868,

371.3192, 383.4482

3.3878

403.1767,
436.8504, 452.3922

■ 1.3051, 1.6662,
1.2959

■ 0.1870, 0.4016,
0.0584

■ 76.2341, 84.4091,
84.2261

■ 76.2341, 84.4091,
84.2261

■ 66.3458, 79.6489,
68.6317

■ 87.5962, 89.8867,
102.0257

■ 57.8643, 75.5660,
55.1514

■ 90.7469, 91.3938,
107.4656

■ 50.7276, 72.1331,
43.6959

■ 44.8667, 69.3165,
34.1675

■ 40.2062, 67.0797,
26.4602

■ 36.6630, 65.3823,
20.4580

■ 34.1430, 64.1786,
16.0316

■ 32.5371, 63.4154,
13.0331

■ 31.7095, 63.0265,
11.2865

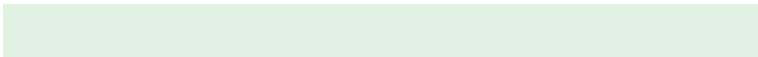
Harmonies

Analogous

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



78.1093, 84.4091, 79.8163



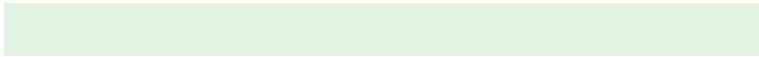
76.2341, 84.4091, 84.2261



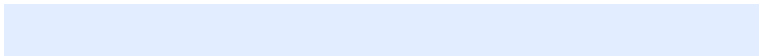
75.4290, 84.4091, 90.8818

Triad

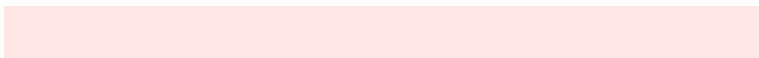
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.2341, 84.4091, 84.2261



79.8695, 84.4091, 106.6615



84.7318, 84.4091, 85.9192

Complementary

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



76.2341, 84.4091, 84.2261



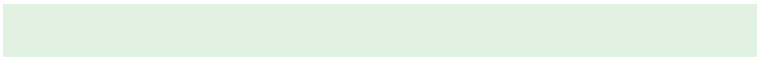
78.9321, 78.8446, 93.5006

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.



85.2270, 84.4091, 92.9402



76.2341, 84.4091, 84.2261



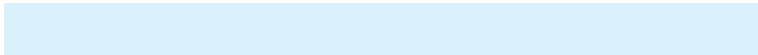
82.3853, 84.4091, 105.1613

Square

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



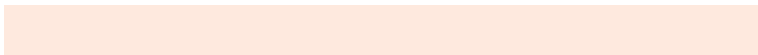
76.2341, 84.4091, 84.2261



77.4995, 84.4091, 104.0394



84.3597, 84.4091, 100.0416



83.0205, 84.4091, 80.7568

Rectangle

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



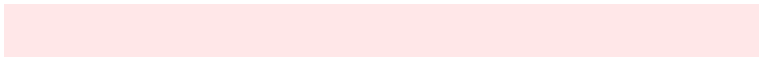
76.2341, 84.4091, 84.2261



75.5947, 84.4091, 95.7915



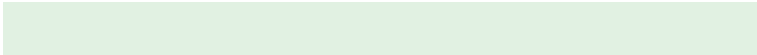
84.3597, 84.4091, 100.0416



85.0476, 84.4091, 88.1293

Sweetspot

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



76.2364, 84.4127, 84.2279



92.4382, 98.7414, 104.8094



81.0526, 86.9114, 83.7389



19.8129, 21.1479, 22.4764



0.0000, 0.0000, 0.0000



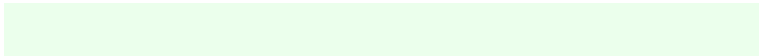
20.3446, 21.4041, 23.3091

Same Dimension

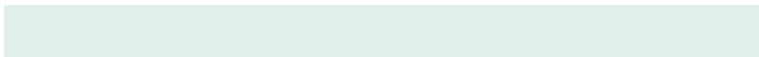
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2364, 84.4127, 84.2279



85.0112, 95.1630, 93.1493



77.3318, 84.8509, 89.9962



15.6060, 17.6724, 16.9479



17.1207, 34.1403, 6.0186



1.4382, 2.8457, 0.5742

Inverse Universe

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



78.9321, 78.8446, 93.5006



88.6793, 87.5860, 105.7672



77.7975, 78.3908, 87.5260



16.4091, 16.0134, 19.7106



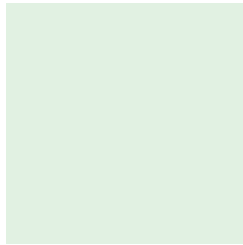
27.1300, 13.1244, 40.1966



2.2698, 1.0970, 3.4115

Previews

White Background



This preview shows how the XYZ color 76.2341, 84.4091, 84.2261 looks on a white background.

Color Contrast Check

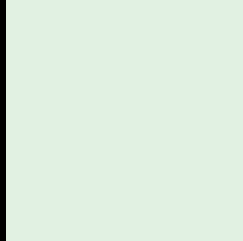
Large Text (above 18pt) WCAG AA × Fail

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 76.2341, 84.4091, 84.2261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

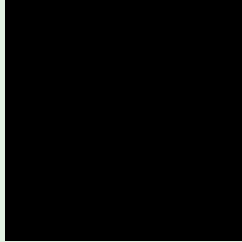
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

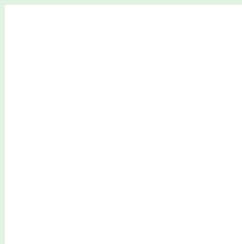
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.2341, 84.4091, 84.2261

Background



This preview shows how black text looks on a background with the XYZ color 76.2341, 84.4091, 84.2261.



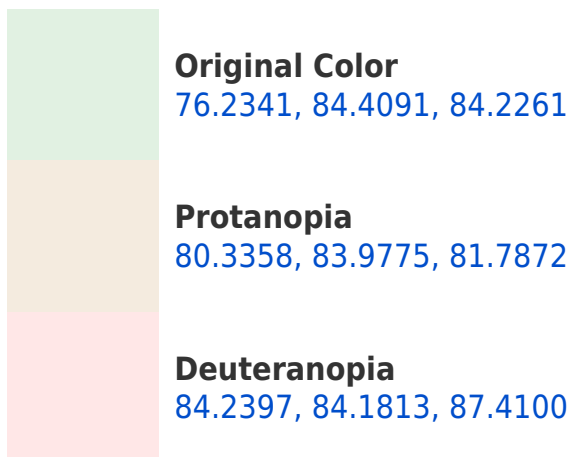
This preview shows how white text looks on a background with the XYZ color 76.2341, 84.4091,

84.2261.

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

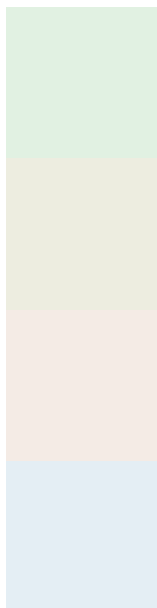




Tritanopia

80.9673, 84.6114, 106.6719

Trichromacy



Original Color

76.2341, 84.4091, 84.2261

Protanomaly

78.6638, 83.9547, 82.5799

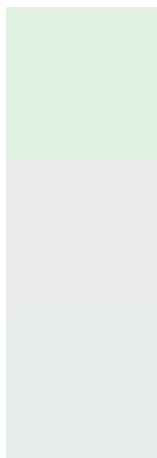
Deuteranomaly

81.1594, 84.3069, 86.1240

Tritanomaly

78.8986, 84.1747, 97.6769

Monochromacy



Original Color

76.2341, 84.4091, 84.2261

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.8047, 83.3835, 88.3378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2341, 84.4091, 84.2261 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(225, 241, 226) looks like.

```
.text, #text, p{  
    color:rgb(225, 241, 226)  
}
```

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(225, 241, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 241, 226) }
```

Border

The CSS property to change the border of an element to XYZ 76.2341, 84.4091, 84.2261 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(225, 241, 226) }
```


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

```
.border{ border-color:rgb(225, 241, 226) }
```

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

Here you see how a box with a 4 pixel rgb(225, 241, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 241, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 241, 226);  
box-shadow:4px 4px 4px 4px rgb(225, 241,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2341, 84.4091, 84.2261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 241, 226) }
```

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

```
.background{ background-color: rgb(225,  
241, 226) }
```

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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