

Converting Colors

XYZ(75.6850, 84.1535, 82.9692)

Have a look what the booklet for
XYZ(75.6850, 84.1535, 82.9692)
contains.

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Color

**XYZ(75.6503, 84.1397,
82.7744)**

Conversions

Conversions Part 1

Format	Color
Hex	E0F1E0
RGB	224, 241, 224
RGB Percent	88%, 95%, 88%
CMY	0.1216, 0.0549, 0.1216
CMYK	0.07, 0.00, 0.07, 0.05
HSL	120°, 38%, 91%
HSV	120°, 7%, 95%
XYZ	75.6503, 84.1397, 82.7744
YIQ	233.9790, -4.6750, -8.8910

Conversions

Conversions Part 2

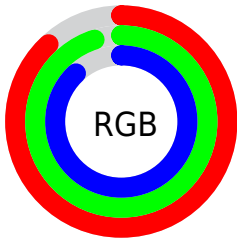
Format	Color
R _{YB}	224, 241, 241
Decimal	14741984
CIE Lab	93.51, -8.66, 6.28
CIE LCh	94, 10.698, 144.060
Yxy	84.1397, 0.3119, 0.3469
Android (android.graphics.Color)	4292932064 (0xFFE0F1E0)
YUV	233.9790, -4.9196, -8.7516
Hunter-Lab	91.7277, -13.3097, 10.7065

Details

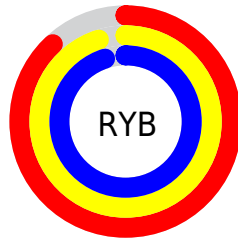
The XYZ color **75.6503, 84.1397, 82.7744** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.8115, 78.3650, 94.1953**, and the grayscale version is **78.2314, 82.3056, 89.6308**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8726, 45.9975, 44.2603** is the 20% darker color. If you saturate the color by 10%, you get **65.6637, 79.3451, 66.4377**, and if you desaturate by 10%, it is **87.1636, 89.6726, 101.6043**.

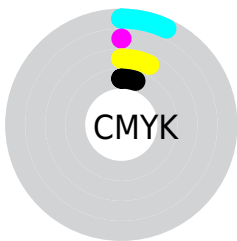
Distribution



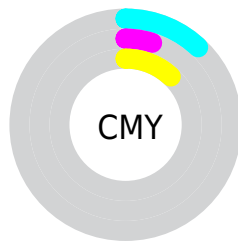
- Red (88%)
- Green (95%)
- Blue (88%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6503, 84.1397, 82.7744 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 75.6503, 84.1397, 82.7744 by changing the saturation by 10% instead.

75.6503, 84.1397,
82.7744

75.6503, 84.1397,
82.7744

469.1126,
508.7770, 524.1856

56.4419, 63.1308,
61.4645

126.2155,
139.1706, 139.1059

40.7957, 45.9470,
44.1672

158.3029,
173.9613, 174.9645

28.3464, 32.2040,
30.4638

195.4140,
214.1148, 216.5099

18.7288, 21.5174,
19.9359

237.9142,
260.0154, 264.1604

11.5773, 13.5027,
12.1648

286.1688,
312.0476, 318.3347

6.5267, 7.7756,
6.7321

340.5431,

3.2116, 3.9517,

370.5956, 379.4513

3.2192

401.4026,
436.0440, 447.9288

■ 1.2666, 1.6466,
1.2076

■ 0.1580, 0.3887,
0.0000

■ 75.6503, 84.1397,
82.7744

■ 75.6503, 84.1397,
82.7744

■ 65.6637, 79.3451,
66.4377

■ 87.1636, 89.6726,
101.6043

■ 57.1332, 75.2475,
52.4845

■ 90.7469, 91.3939,
107.4656

■ 49.9928, 71.8176,
40.8051

■ 44.1689, 69.0201,
31.2791

■ 39.5813, 66.8164,
23.7750

■ 36.1405, 65.1636,
18.1470

■ 33.7457, 64.0133,
14.2296

■ 32.2779, 63.3082,
11.8288

■ 31.5847, 62.9752,
10.6947

Harmonies

Analogous

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



77.7759, 84.1397, 78.1175



75.6503, 84.1397, 82.7744



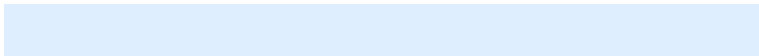
74.6851, 84.1397, 90.0116

Triad

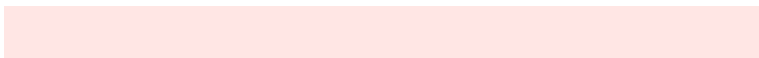
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.6503, 84.1397, 82.7744



79.4108, 84.1397, 107.9917



85.0407, 84.1397, 85.4108

Complementary

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



75.6503, 84.1397, 82.7744



78.8115, 78.3650, 94.1953

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.



85.5033, 84.1397, 93.2349



75.6503, 84.1397, 82.7744



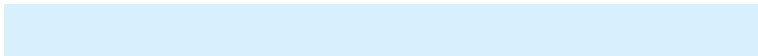
82.2095, 84.1397, 106.5815

Square

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



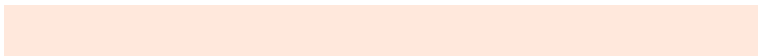
75.6503, 84.1397, 82.7744



76.8231, 84.1397, 104.8087



84.4558, 84.1397, 101.0612



83.2063, 84.1397, 79.5756

Rectangle

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



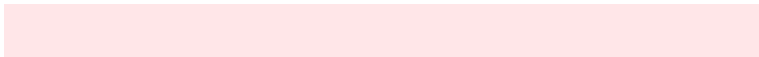
75.6503, 84.1397, 82.7744



74.8129, 84.1397, 95.4491



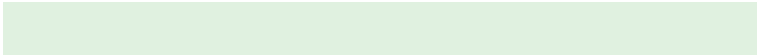
84.4558, 84.1397, 101.0612



85.3636, 84.1397, 87.8827

Sweetspot

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



75.6526, 84.1433, 82.7762



92.3882, 98.7214, 104.5461



81.1892, 86.9975, 83.0351



19.8027, 21.1438, 22.4228



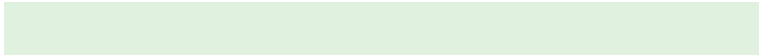
0.0000, 0.0000, 0.0000



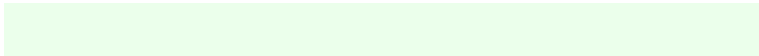
20.3446, 21.4041, 23.3091

Same Dimension

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



75.6526, 84.1433, 82.7762



84.8267, 95.0892, 92.1781



76.8350, 84.6162, 89.0024



15.5660, 17.6564, 16.7374



17.0575, 34.1150, 5.6859



1.4190, 2.8381, 0.4730

Inverse Universe

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



78.8115, 78.3650, 94.1953



88.8839, 87.6678, 106.8443



77.5707, 77.8687, 87.6612



16.4543, 16.0314, 19.9487



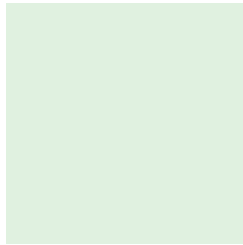
28.2809, 13.5848, 46.2573



2.3527, 1.1301, 3.8482

Previews

White Background



This preview shows how the XYZ color 75.6503, 84.1397, 82.7744 looks on a white background.

Color Contrast Check

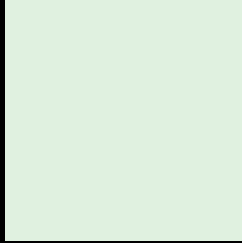
Large Text (above 18pt) WCAG AA × Fail

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 75.6503, 84.1397, 82.7744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

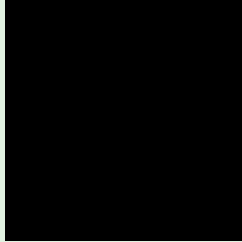
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

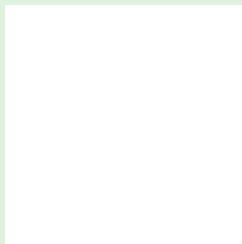
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.6503, 84.1397, 82.7744

Background



This preview shows how black text looks on a background with the XYZ color 75.6503, 84.1397, 82.7744.



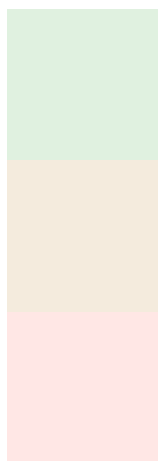
This preview shows how white text looks on a background with the XYZ color 75.6503, 84.1397,

82.7744.

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

75.6503, 84.1397, 82.7744

Protanopia

80.0677, 83.8702, 80.3752

Deuteranopia

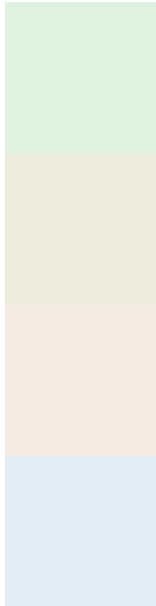
83.9588, 84.0690, 85.9306



Tritanopia

80.3586, 83.8689, 106.5607

Trichromacy



Original Color

75.6503, 84.1397, 82.7744

Protanomaly

78.3941, 83.8468, 81.1595

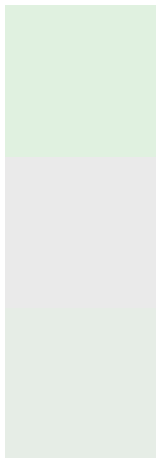
Deuteranomaly

80.8817, 84.1958, 84.6615

Tritanomaly

78.5822, 84.0116, 97.6621

Monochromacy



Original Color

75.6503, 84.1397, 82.7744

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.2002, 83.1045, 86.8348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6503, 84.1397, 82.7744 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(224, 241, 224) looks like.

```
.text, #text, p{  
    color:rgb(224, 241, 224)  
}
```

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(224, 241, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 241, 224) }
```

Border

The CSS property to change the border of an element to XYZ 75.6503, 84.1397, 82.7744 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(224, 241, 224) }
```


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

```
.border{ border-color:rgb(224, 241, 224) }
```

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

Here you see how a box with a 4 pixel rgb(224, 241, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 241, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 241, 224);  
box-shadow:4px 4px 4px 4px rgb(224, 241,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6503, 84.1397, 82.7744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 241, 224) }
```

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

```
.background{ background-color: rgb(224,  
241, 224) }
```

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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