

Converting Colors

XYZ(78.0213, 84.3575, 82.0746)

Have a look what the booklet for
XYZ(78.0213, 84.3575, 82.0746)
contains.

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Color

**XYZ(78.1175, 84.5531,
82.0152)**

Conversions

Conversions Part 1

Format	Color
Hex	EAEFDF
RGB	234, 239, 223
RGB Percent	92%, 94%, 87%
CMY	0.0823, 0.0627, 0.1255
CMYK	0.02, 0.00, 0.07, 0.06
HSL	79°, 33%, 91%
HSV	79°, 7%, 94%
XYZ	78.1175, 84.5531, 82.0152
YIQ	235.6810, 2.1560, -6.0360

Conversions

Conversions Part 2

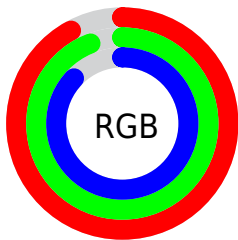
Format	Color
R _Y B	223, 239, 228
Decimal	15396831
CIE Lab	93.69, -4.45, 7.15
CIE LCh	94, 8.419, 121.904
Yxy	84.5531, 0.3193, 0.3456
Android (android.graphics.Color)	4293586911 (0xFFEAEFDF)
YUV	235.6810, -6.2517, -1.4742
Hunter-Lab	91.9528, -9.2745, 11.4845

Details

The XYZ color **78.1175, 84.5531, 82.0152** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.9657, 75.5036, 92.3409**, and the grayscale version is **79.5320, 83.6739, 91.1209**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3615, 46.1591, 43.7227** is the 20% darker color. If you saturate the color by 10%, you get **72.7186, 82.1188, 66.1123**, and if you desaturate by 10%, it is **84.0795, 87.2301, 100.3223**.

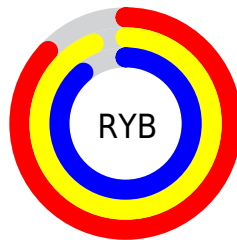
Distribution



Red (92%)

Green (94%)

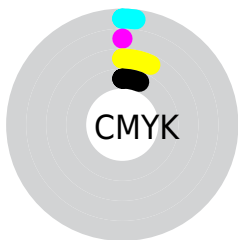
Blue (87%)



Red (87%)

Yellow (94%)

Blue (89%)

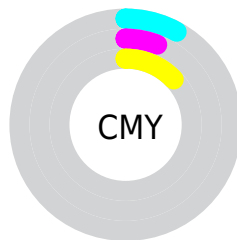


Cyan (2%)

Magenta (0%)

Yellow (7%)

Black (6%)



Cyan (8%)

Magenta (6%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.1175, 84.5531, 82.0152 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 78.1175, 84.5531, 82.0152 by changing the saturation by 10% instead.

■ 78.1175, 84.5531,
82.0152

■ 78.1175, 84.5531,
82.0152

477.3995,
510.1481, 521.5833

■ 58.4736, 63.4722,
60.8422

129.6802,
139.7486, 138.0322

■ 42.4343, 46.2233,
43.6681

162.3298,
174.6320, 173.7132

■ 29.6341, 32.4221,
30.0744

200.0453,
214.8850, 215.0674

■ 19.7077, 21.6841,
19.6425

243.1921,
260.8920, 262.5131

■ 12.2898, 13.6250,
11.9540

292.1356,
313.0375, 316.4691

■ 7.0149, 7.8603,
6.5902

347.2411,

■ 3.5179, 4.0057,

371.7057, 377.3537

3.1326

408.8739,
437.2811, 445.5856

■ 1.4332, 1.6767,
1.1627

■ 0.2797, 0.4085,
0.0000

■ 78.1175, 84.5531,
82.0152

■ 78.1175, 84.5531,
82.0152

■ 72.7186, 82.1188,
66.1123

■ 84.0795, 87.2301,
100.3223

■ 67.8557, 79.9079,
52.5082

■ 87.9665, 89.0865,
107.1668

■ 63.5094, 77.9154,
41.0980

■ 90.1581, 90.2163,
107.2694

■ 59.6566, 76.1317,
31.7661

■ 56.2720, 74.5467,
24.3868

■ 53.3278, 73.1491,
18.8204

■ 50.7925, 71.9261,
14.9088

■ 48.6297, 70.8629,
12.4670

■ 46.7933, 69.9410,
11.2605

Harmonies

Analogous

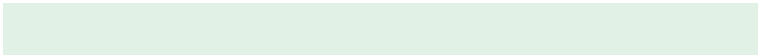
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.2227, 84.5531, 80.3137



78.1175, 84.5531, 82.0152



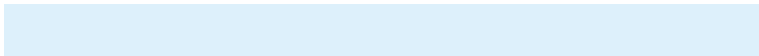
76.6370, 84.5531, 86.3938

Triad

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



78.1175, 84.5531, 82.0152



78.3601, 84.5531, 103.3422



84.7329, 84.5531, 91.6561

Complementary

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



78.1175, 84.5531, 82.0152



73.9657, 75.5036, 92.3409

Split Complementary

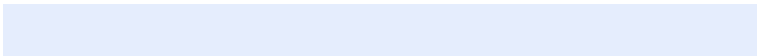
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.2124, 84.5531, 97.9769



78.1175, 84.5531, 82.0152



80.5079, 84.5531, 104.9077

Square

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



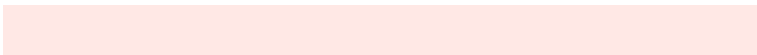
78.1175, 84.5531, 82.0152



76.7753, 84.5531, 98.7162



82.6556, 84.5531, 102.9017



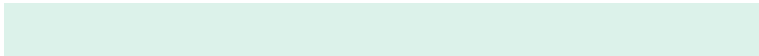
84.0653, 84.5531, 85.7175

Rectangle

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



78.1175, 84.5531, 82.0152



76.1892, 84.5531, 90.3431



82.6556, 84.5531, 102.9017



84.6911, 84.5531, 93.8065

Sweetspot

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



78.1198, 84.5568, 82.0170



93.6554, 99.3747, 104.6053



76.6072, 79.0579, 81.0354



20.0608, 21.2768, 22.4348



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.



78.1198, 84.5568, 82.0170



89.6297, 97.5653, 92.4026



75.6152, 83.2656, 81.8998



16.6141, 18.1968, 16.7864



25.6900, 38.5652, 6.0898



2.2391, 3.2608, 0.5114

Inverse Universe

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



73.9657, 75.5036, 92.3409



83.9123, 85.1049, 106.6120



76.4963, 76.8081, 92.4593



15.3623, 15.4685, 19.8976



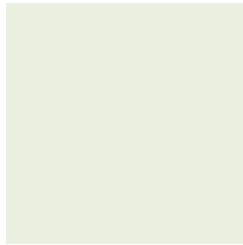
10.3206, 4.3258, 45.4189



0.9572, 0.4107, 3.7830

Previews

White Background



This preview shows how the XYZ color 78.1175, 84.5531, 82.0152 looks on a white background.

Color Contrast Check

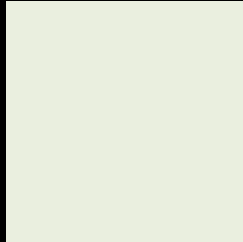
Large Text (above 18pt) WCAG AA × Fail

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 78.1175, 84.5531, 82.0152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

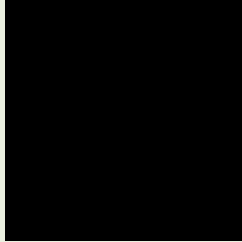
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

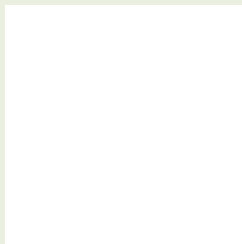
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.1175, 84.5531, 82.0152

Background



This preview shows how black text looks on a background with the XYZ color 78.1175, 84.5531, 82.0152.



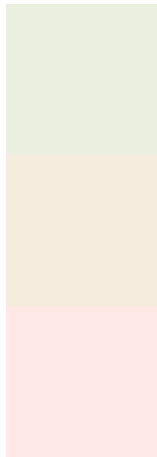
This preview shows how white text looks on a background with the XYZ color 78.1175, 84.5531,

82.0152.

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

78.1175, 84.5531, 82.0152

Protanopia

80.7028, 84.6238, 80.4872

Deuteranopia

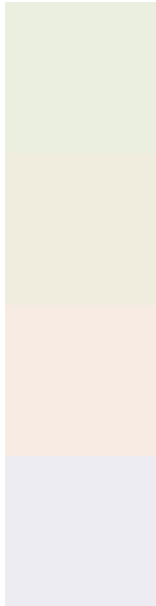
84.2395, 84.6304, 86.0241



Tritanopia

83.0346, 84.8592, 104.9316

Trichromacy



Original Color

78.1175, 84.5531, 82.0152

Protanomaly

79.7446, 84.5431, 81.2227

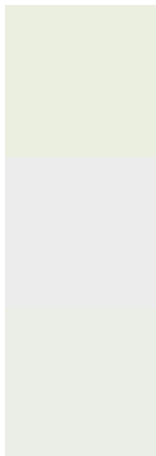
Deuteranomaly

81.9312, 84.7369, 84.7107

Tritanomaly

80.9475, 84.4062, 96.0300

Monochromacy



Original Color

78.1175, 84.5531, 82.0152

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

78.9689, 84.0001, 87.6528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1175, 84.5531, 82.0152 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(234, 239, 223) looks like.

```
.text, #text, p{  
    color:rgb(234, 239, 223)  
}
```

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(234, 239, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 239, 223) }
```

Border

The CSS property to change the border of an element to XYZ 78.1175, 84.5531, 82.0152 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(234, 239, 223) }
```


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

```
.border{ border-color:rgb(234, 239, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 239, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 239, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 239, 223); box-shadow:4px 4px 4px 4px rgb(234, 239, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1175, 84.5531, 82.0152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 239, 223) }
```

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

```
.background{ background-color: rgb(234,  
239, 223) }
```

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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