

Converting Colors

XYZ(77.8957, 78.1114, 84.3460)

Have a look what the booklet for
XYZ(77.8957, 78.1114, 84.3460)
contains.

XYZ(77.9675, 78.1458, 84.3731)	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(77.9675, 78.1458,
84.3731)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E0E4
RGB	244, 224, 228
RGB Percent	96%, 88%, 89%
CMY	0.0431, 0.1215, 0.1059
CMYK	0.00, 0.08, 0.07, 0.04
HSL	348°, 48%, 92%
HSV	348°, 8%, 96%
XYZ	77.9675, 78.1458, 84.3731
YIQ	230.4360, 10.6360, 5.4840

Conversions

Conversions Part 2

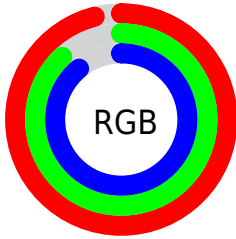
Format	Color
R_{YB}	244, 224, 228
Decimal	16048356
CIE Lab	90.85, 7.51, 0.52
CIE LCh	91, 7.526, 3.939
Yxy	78.1458, 0.3242, 0.3249
Android (android.graphics.Color)	4294238436 (0xFFFF4E0E4)
YUV	230.4360, -1.2009, 11.8956
Hunter-Lab	88.4001, 2.7340, 5.2910

Details

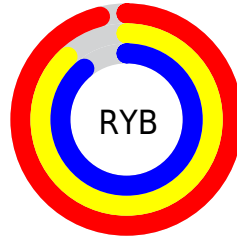
The XYZ color **77.9675, 78.1458, 84.3731** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.8223, 86.8420, 95.0502**, and the grayscale version is **75.5417, 79.4757, 86.5491**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4698, 42.0844, 45.4199** is the 20% darker color. If you saturate the color by 10%, you get **69.3158, 64.9370, 68.8637**, and if you desaturate by 10%, it is **87.8708, 93.3659, 101.8117**.

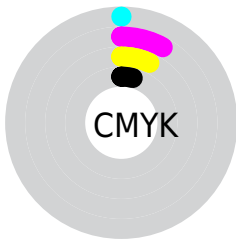
Distribution



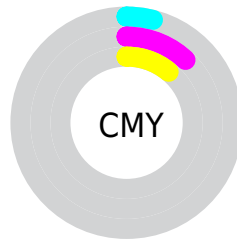
- Red (96%)
- Green (88%)
- Blue (89%)



- Red (96%)
- Yellow (88%)
- Blue (89%)



- Cyan (0%)
- Magenta (8%)
- Yellow (7%)
- Black (4%)



- Cyan (4%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.9675, 78.1458, 84.3731 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 77.9675, 78.1458, 84.3731 by changing the saturation by 10% instead.

77.9675, 78.1458,
84.3731

77.9675, 78.1458,
84.3731

476.8979,
488.6618, 529.6418

58.3500, 58.1938,
62.7764

129.4699,
130.7556, 141.3633

42.3344, 41.9644,
45.2205

162.0855,
164.1822, 177.5939

29.5555, 29.0734,
31.2869

199.7645,
202.8691, 219.5395

19.6478, 19.1364,
20.5571

242.8723,
247.2007, 267.6187

12.2461, 11.7689,
12.6126

291.7741,
297.5613, 322.2499

6.9849, 6.5865,
7.0347

346.8355,

3.4989, 3.2049,

354.3355, 383.8519

3.4051

408.4216,
417.9075, 452.8430

■ 1.4228, 1.2396,
1.3050

■ 0.2723, 0.0937,
0.0659

■ 77.9675, 78.1458,
84.3731

■ 77.9675, 78.1458,
84.3731

■ 69.3158, 64.9370,
68.8637

■ 87.8708, 93.3659,
101.8117

■ 61.8589, 53.6454,
55.2119

■ 91.1187, 97.9734,
108.7160

■ 55.5458, 44.1846,
43.3487

■ 50.3189, 36.4578,
33.1991

■ 46.1155, 30.3590,
24.6828

■ 42.8665, 25.7707,
17.7126

■ 40.4939, 22.5593,
12.1931

■ 38.9068, 20.5679,
8.0176

■ 37.9828, 19.5795,
5.0598

Harmonies

Analogous

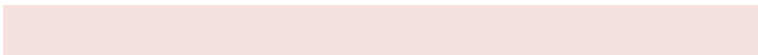
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.5946, 78.1458, 89.7517



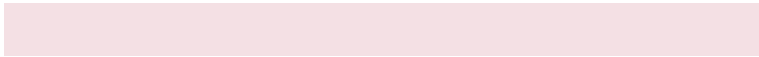
77.9675, 78.1458, 84.3731



77.3373, 78.1458, 79.3970

Triad

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



77.9675, 78.1458, 84.3731



72.2607, 78.1458, 76.7256



72.6870, 78.1458, 94.8037

Complementary

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



77.9675, 78.1458, 84.3731



78.8223, 86.8420, 95.0502

Split Complementary

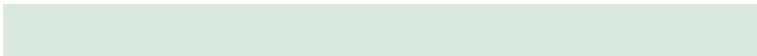
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.2951, 78.1458, 91.0436



77.9675, 78.1458, 84.3731



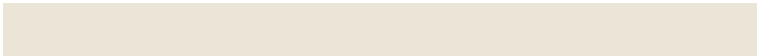
71.0519, 78.1458, 80.5877

Square

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



77.9675, 78.1458, 84.3731



74.0254, 78.1458, 75.1019



70.7014, 78.1458, 85.8059



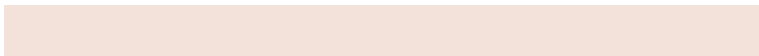
74.5257, 78.1458, 95.9211

Rectangle

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



77.9675, 78.1458, 84.3731



76.4394, 78.1458, 76.9326



70.7014, 78.1458, 85.8059



72.1523, 78.1458, 93.7993

Sweetspot

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



77.9697, 78.1492, 84.3748



92.7944, 96.5290, 104.9412



78.9225, 78.3717, 96.5567



19.8855, 20.6975, 22.5033



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

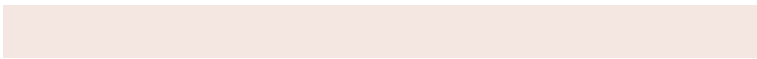
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.9697, 78.1492, 84.3748



84.3349, 83.5505, 89.9734



79.0621, 81.2115, 82.0334



16.6345, 16.5367, 17.8219



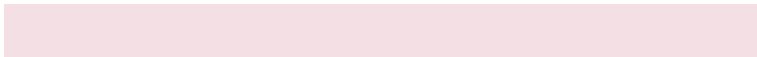
20.6232, 10.5927, 2.7244



1.8476, 0.9450, 0.4240

Inverse Universe

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



77.9697, 78.1492, 84.3748



84.3349, 83.5505, 89.9734



77.6469, 83.5306, 97.6197



16.6345, 16.5367, 17.8219



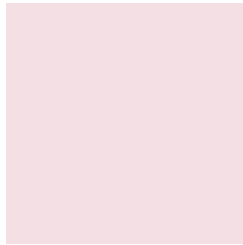
20.6232, 10.5927, 2.7244



1.8476, 0.9450, 0.4240

Previews

White Background



This preview shows how the XYZ color 77.9675, 78.1458, 84.3731 looks on a white background.

Color Contrast Check

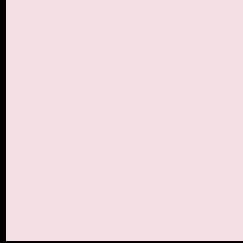
Large Text (above 18pt) WCAG AA × Fail

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 77.9675, 78.1458, 84.3731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

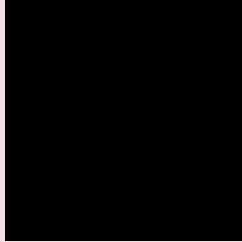
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

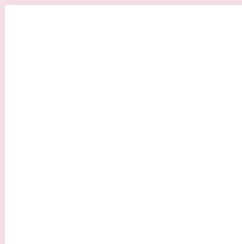
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.9675, 78.1458, 84.3731

Background



This preview shows how black text looks on a background with the XYZ color 77.9675, 78.1458, 84.3731.



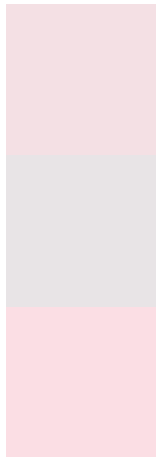
This preview shows how white text looks on a background with the XYZ color 77.9675, 78.1458,

84.3731.

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

77.9675, 78.1458, 84.3731

Protanopia

75.3050, 78.3558, 86.0181

Deuteranopia

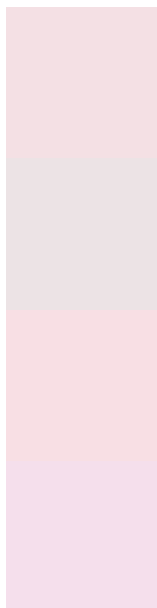
79.9085, 78.3532, 84.3108



Tritanopia

79.8555, 78.1267, 93.3092

Trichromacy



Original Color

77.9675, 78.1458, 84.3731

Protanomaly

76.2040, 78.4282, 85.2505

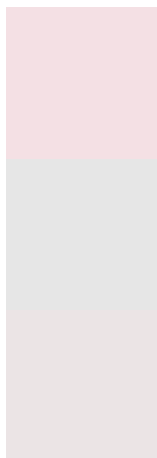
Deuteranomaly

79.1027, 78.3332, 84.3495

Tritanomaly

79.1842, 78.2440, 90.2860

Monochromacy



Original Color

77.9675, 78.1458, 84.3731

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.1472, 78.8061, 85.3265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.9675, 78.1458, 84.3731 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(244, 224, 228) looks like.

```
.text, #text, p{  
    color:rgb(244, 224, 228)  
}
```

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(244, 224, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 224, 228) }
```

Border

The CSS property to change the border of an element to XYZ 77.9675, 78.1458, 84.3731 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(244, 224, 228) }
```


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

```
.border{ border-color:rgb(244, 224, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 224, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 224, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 224, 228);  
box-shadow:4px 4px 4px 4px rgb(244, 224,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 77.9675, 78.1458, 84.3731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 224, 228) }
```

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

```
.background{ background-color: rgb(244,  
224, 228) }
```

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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