

Converting Colors

XYZ(77.8722, 78.6163, 83.6343)

Have a look what the booklet for
XYZ(77.8722, 78.6163, 83.6343)
contains.

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Color

**XYZ(77.7525, 78.4512,
83.7176)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E1E3
RGB	243, 225, 227
RGB Percent	95%, 88%, 89%
CMY	0.0471, 0.1176, 0.1098
CMYK	0.00, 0.07, 0.07, 0.05
HSL	353°, 43%, 92%
HSV	353°, 7%, 95%
XYZ	77.7525, 78.4512, 83.7176
YIQ	230.6100, 10.0860, 4.4380

Conversions

Conversions Part 2

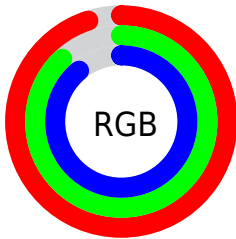
Format	Color
R _Y B	243, 225, 227
Decimal	15983075
CIE Lab	90.99, 6.48, 1.23
CIE LCh	91, 6.595, 10.781
Yxy	78.4512, 0.3241, 0.3270
Android (android.graphics.Color)	4294173155 (0xFF3E1E3)
YUV	230.6100, -1.7797, 10.8660
Hunter-Lab	88.5727, 1.6920, 5.9608

Details

The XYZ color **77.7525, 78.4512, 83.7176** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.9821, 86.4616, 95.7494**, and the grayscale version is **75.6753, 79.6163, 86.7021**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3146, 42.2928, 44.9628** is the 20% darker color. If you saturate the color by 10%, you get **68.8480, 65.1181, 66.9491**, and if you desaturate by 10%, it is **87.9705, 93.8106, 102.7720**.

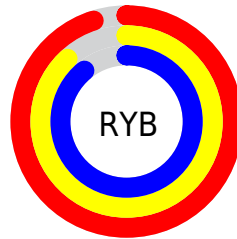
Distribution



Red (95%)

Green (88%)

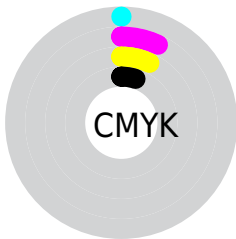
Blue (89%)



Red (95%)

Yellow (88%)

Blue (89%)

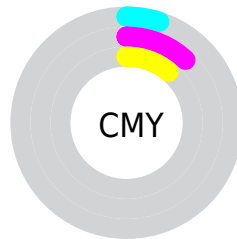


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (5%)



Cyan (5%)


Magenta (12%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.7525, 78.4512, 83.7176 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 77.7525, 78.4512, 83.7176 by changing the saturation by 10% instead.


 77.7525, 78.4512,
83.7176

 77.7525, 78.4512,
83.7176


476.1786,
489.6978, 527.4085

 58.1728, 58.4447,
62.2383


129.1684,
131.1860, 140.4383

 42.1914, 42.1663,
44.7882


161.7352,
164.6830, 176.5167

 29.4429, 29.2315,
30.9489


199.3618,
203.4458, 218.2986

 19.5621, 19.2560,
20.3018

242.4135,
247.8585, 266.2024

 12.1835, 11.8554,
12.4284

291.2557,
298.3057, 320.6468

 6.9419, 6.6453,
6.9101

346.2537,

 3.4718, 3.2413,

355.1717, 382.0503

3.3283

407.7729,
418.8409, 450.8313

■ 1.4079, 1.2590,
1.2646

■ 0.2618, 0.1091,
0.0325

■ 77.7525, 78.4512,
83.7176

■ 77.7525, 78.4512,
83.7176

■ 68.8480, 65.1181,
66.9491

■ 87.9705, 93.8106,
102.7720

■ 61.1974, 53.7168,
52.3755

■ 90.7726, 97.7949,
108.6998

■ 54.7461, 44.1609,
39.9075

■ 49.4329, 36.3531,
29.4474

■ 45.1915, 30.1875,
20.8899

■ 41.9483, 25.5465,
14.1199

■ 39.6206, 22.2968,
9.0101

■ 38.1119, 20.2822,
5.4158

■ 37.2993, 19.2991,
3.1655

Harmonies

Analogous

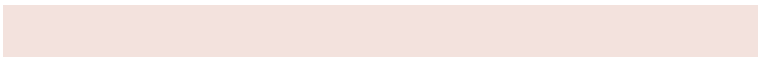
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.6273, 78.4512, 88.4715



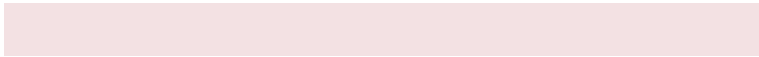
77.7525, 78.4512, 83.7176



77.0142, 78.4512, 79.5743

Triad

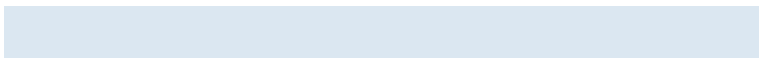
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.7525, 78.4512, 83.7176



72.4954, 78.4512, 78.6686



73.5174, 78.4512, 94.3668

Complementary

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



77.7525, 78.4512, 83.7176



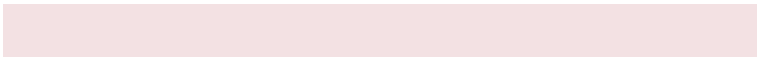
78.9821, 86.4616, 95.7494

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.



72.1693, 78.4512, 91.5452



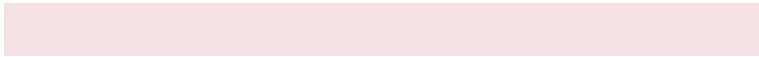
77.7525, 78.4512, 83.7176



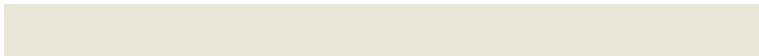
71.5853, 78.4512, 82.4395

Square

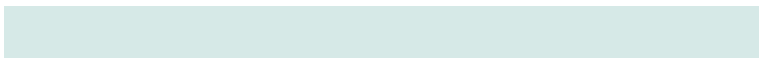
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.7525, 78.4512, 83.7176



73.9687, 78.4512, 76.7322



71.4668, 78.4512, 87.1454



75.1655, 78.4512, 94.7401

Rectangle

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



77.7525, 78.4512, 83.7176



76.1381, 78.4512, 77.6707



71.4668, 78.4512, 87.1454



73.0148, 78.4512, 93.6684

Sweetspot

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



77.7547, 78.4546, 83.7193



92.7230, 96.5005, 104.5651



79.3467, 79.0082, 95.8631



19.8709, 20.6917, 22.4267



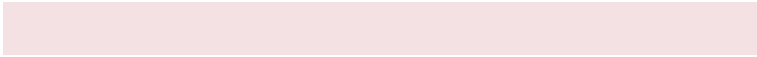
0.0000, 0.0000, 0.0000



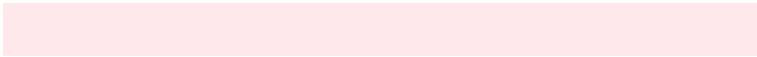
20.3446, 21.4041, 23.3091

Same Dimension

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



77.7547, 78.4546, 83.7193



85.0476, 84.9762, 90.2105



79.3836, 82.1507, 82.9111



16.5738, 16.5124, 17.5024



20.4182, 10.5107, 1.6449



1.8186, 0.9334, 0.2711

Inverse Universe

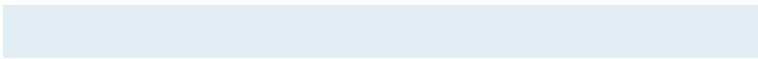
The Inverse Universe completely reimagines the original color for something new.



77.7547, 78.4546, 83.7193



85.0476, 84.9762, 90.2105



77.2561, 82.5299, 96.6530



16.5738, 16.5124, 17.5024



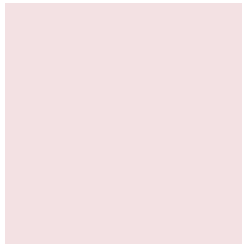
20.4182, 10.5107, 1.6449



1.8186, 0.9334, 0.2711

Previews

White Background



This preview shows how the XYZ color 77.7525, 78.4512, 83.7176 looks on a white background.

Color Contrast Check

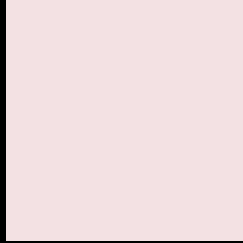
Large Text (above 18pt) WCAG AA × Fail

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 77.7525, 78.4512, 83.7176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

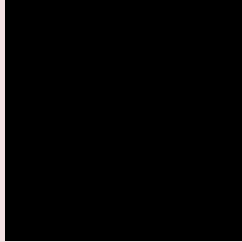
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

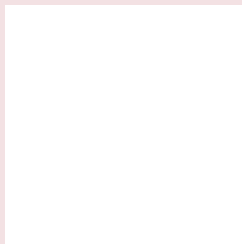
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.7525, 78.4512, 83.7176

Background



This preview shows how black text looks on a background with the XYZ color 77.7525, 78.4512, 83.7176.



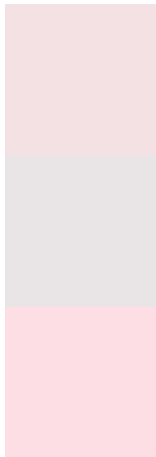
This preview shows how white text looks on a background with the XYZ color 77.7525, 78.4512,

83.7176.

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

77.7525, 78.4512, 83.7176

Protanopia

75.4905, 78.4676, 85.2957

Deuteranopia

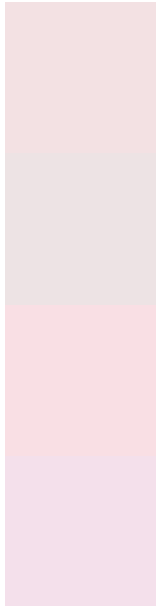
80.2698, 78.5394, 84.3277



Tritanopia

79.7720, 78.4791, 93.3816

Trichromacy



Original Color

77.7525, 78.4512, 83.7176

Protanomaly

76.3977, 78.5441, 84.5327

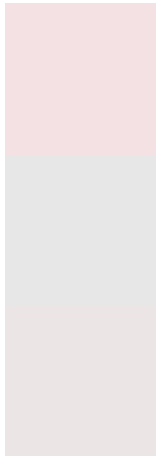
Deuteranomaly

79.4582, 78.5165, 84.3661

Tritanomaly

78.9593, 78.5426, 89.5959

Monochromacy



Original Color

77.7525, 78.4512, 83.7176

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.5632, 79.4140, 86.1560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.7525, 78.4512, 83.7176 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(243, 225, 227) looks like.

```
.text, #text, p{  
    color:rgb(243, 225, 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(243, 225, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 225, 227) }
```

Border

The CSS property to change the border of an element to XYZ 77.7525, 78.4512, 83.7176 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(243, 225, 227) }
```


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

```
.border{ border-color:rgb(243, 225, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 225, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 225, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 225, 227);  
box-shadow:4px 4px 4px 4px rgb(243, 225,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 77.7525, 78.4512, 83.7176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 225, 227) }
```

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

```
.background{ background-color: rgb(243,  
225, 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](#).

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