

Converting Colors

XYZ(77.4436, 78.8116, 83.3059)

Have a look what the booklet for
XYZ(77.4436, 78.8116, 83.3059)
contains.

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Color

**XYZ(77.1995, 78.5845,
83.0510)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E2E2
RGB	241, 226, 226
RGB Percent	95%, 89%, 89%
CMY	0.0549, 0.1137, 0.1137
CMYK	0.00, 0.06, 0.06, 0.05
HSL	0°, 35%, 92%
HSV	0°, 6%, 95%
XYZ	77.1995, 78.5845, 83.0510
YIQ	230.4850, 8.9400, 3.1800

Conversions

Conversions Part 2

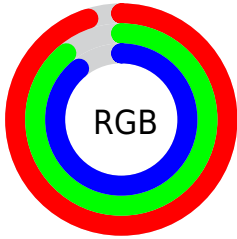
Format	Color
R _Y B	241, 226, 226
Decimal	15852258
CIE Lab	91.05, 5.11, 1.83
CIE LCh	91, 5.423, 19.674
Yxy	78.5845, 0.3232, 0.3290
Android (android.graphics.Color)	4294042338 (0xFF1E2E2)
YUV	230.4850, -2.2111, 9.2217
Hunter-Lab	88.6479, 0.3139, 6.5069

Details

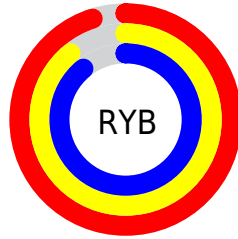
The XYZ color **77.1995, 78.5845, 83.0510** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.6964, 85.4289, 95.5619**, and the grayscale version is **75.5862, 79.5226, 86.6001**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9212, 42.3804, 44.4988** is the 20% darker color. If you saturate the color by 10%, you get **68.0251, 65.1605, 64.8079**, and if you desaturate by 10%, it is **87.7638, 94.0424, 104.0525**.

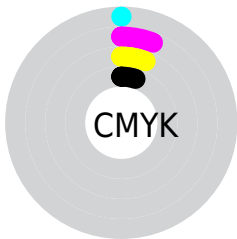
Distribution



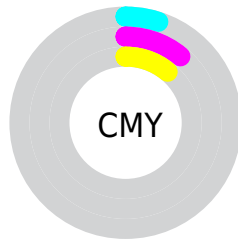
- Red (95%)
- Green (89%)
- Blue (89%)



- Red (95%)
- Yellow (89%)
- Blue (89%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.1995, 78.5845, 83.0510 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 77.1995, 78.5845, 83.0510 by changing the saturation by 10% instead.

77.1995, 78.5845,
83.0510

77.1995, 78.5845,
83.0510

474.3255,
490.1496, 525.1319

57.7171, 58.5543,
61.6914

128.3924,
131.3738, 139.4968

41.8237, 42.2544,
44.3492

160.8336,
164.9016, 175.4200

29.1537, 29.3005,
30.6059

198.3252,
203.6973, 217.0348

19.3420, 19.3083,
20.0430

241.2325,
248.1455, 264.7598

12.0231, 11.8933,
12.2419

289.9208,
298.6304, 319.0134

6.8318, 6.6710,
6.7841

344.7555,

3.4025, 3.2572,

355.5364, 380.2143

3.2511

406.1019,
419.2480, 448.7810

■ 1.3700, 1.2675,
1.2242

■ 0.2347, 0.1158,
0.0000

■ 77.1995, 78.5845,
83.0510

■ 77.1995, 78.5845,
83.0510

■ 68.0251, 65.1605,
64.8079

■ 87.7638, 94.0424,
104.0525

■ 60.1764, 53.6761,
49.2039

■ 90.0861, 97.4410,
108.6677

■ 53.5943, 44.0448,
36.1183

■ 48.2124, 36.1695,
25.4193

■ 43.9583, 29.9444,
16.9630

■ 40.7520, 25.2523,
10.5899

■ 38.5027, 21.9605,
6.1198

■ 37.1045, 19.9140,
3.3418

■ 36.4254, 18.9199,
1.9934

Harmonies

Analogous

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



77.3131, 78.5845, 86.9242



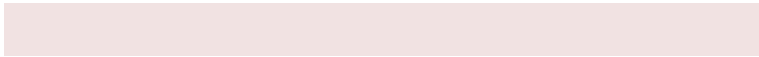
77.1995, 78.5845, 83.0510



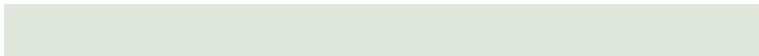
76.4094, 78.5845, 79.9431

Triad

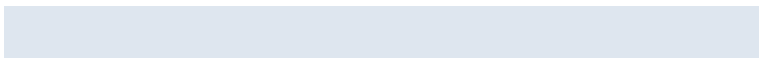
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.1995, 78.5845, 83.0510



72.7024, 78.5845, 80.7766



74.2212, 78.5845, 93.2017

Complementary

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



77.1995, 78.5845, 83.0510



78.6964, 85.4289, 95.5619

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.



73.0009, 78.5845, 91.4448



77.1995, 78.5845, 83.0510



72.1312, 78.5845, 84.2204

Square

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



77.1995, 78.5845, 83.0510



73.8091, 78.5845, 78.6580



72.2398, 78.5845, 88.1296



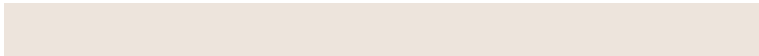
75.5823, 78.5845, 92.8653

Rectangle

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



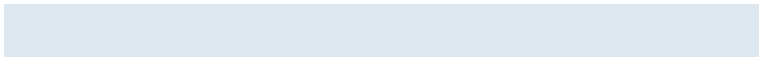
77.1995, 78.5845, 83.0510



75.6107, 78.5845, 78.6858



72.2398, 78.5845, 88.1296



73.7812, 78.5845, 92.8343

Sweetspot

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



77.2017, 78.5879, 83.0527



92.6346, 96.4658, 104.0977



79.3503, 79.4456, 94.3725



19.8529, 20.6847, 22.3315



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.



77.2017, 78.5879, 83.0527



86.8771, 88.0413, 92.6505



79.2849, 82.7543, 83.7471



16.1582, 16.3229, 17.1258



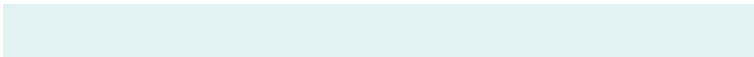
19.6720, 10.1421, 0.9208



1.6366, 0.8440, 0.0766

Inverse Universe

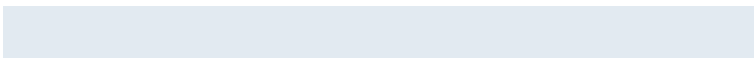
The Inverse Universe completely reimagines the original color for something new.



78.6964, 85.4289, 95.5619



88.7836, 96.7672, 108.6063



76.5230, 81.0821, 94.8374



16.5422, 18.0805, 20.3396



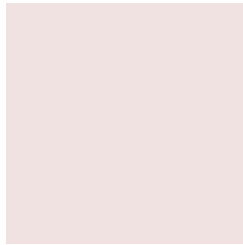
25.6569, 37.5380, 51.0212



2.1345, 3.1231, 4.2445

Previews

White Background



This preview shows how the XYZ color 77.1995, 78.5845, 83.0510 looks on a white background.

Color Contrast Check

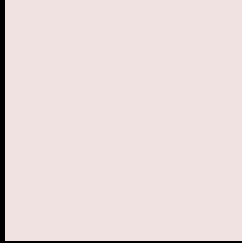
Large Text (above 18pt) WCAG AA × Fail

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 77.1995, 78.5845, 83.0510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

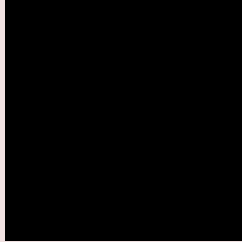
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

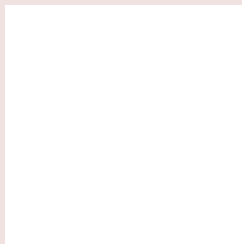
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.1995, 78.5845, 83.0510

Background



This preview shows how black text looks on a background with the XYZ color 77.1995, 78.5845, 83.0510.

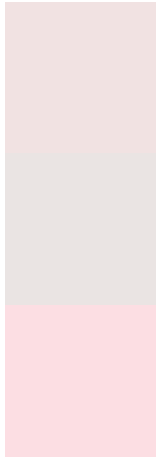


This preview shows how white text looks on a background with the XYZ color 77.1995, 78.5845,

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

77.1995, 78.5845, 83.0510

Protanopia

75.5402, 78.5253, 83.8485

Deuteranopia

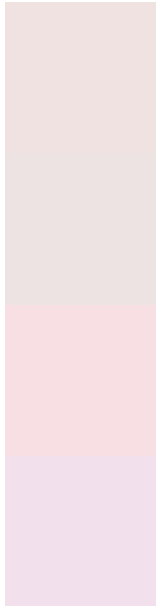
80.1313, 78.4841, 83.5986



Tritanopia

79.4950, 78.7169, 94.2231

Trichromacy



Original Color

77.1995, 78.5845, 83.0510

Protanomaly

76.2593, 78.4887, 83.8036

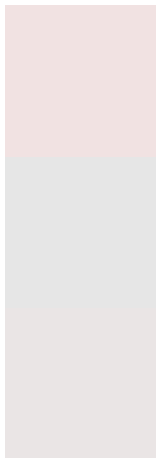
Deuteranomaly

78.9642, 78.2779, 83.6203

Tritanomaly

78.6835, 78.7838, 90.4166

Monochromacy



Original Color

77.1995, 78.5845, 83.0510

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.0939, 79.1882, 85.4030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.1995, 78.5845, 83.0510 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(241, 226, 226) looks like.

```
.text, #text, p{  
    color:rgb(241, 226, 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(241, 226, 226) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 77.1995, 78.5845, 83.0510 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(241, 226, 226) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 77.1995, 78.5845, 83.0510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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