

Converting Colors

XYZ(77.6535, 79.2471, 84.5592)

Have a look what the booklet for
XYZ(77.6535, 79.2471, 84.5592)
contains.

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Color

**XYZ(77.7483, 79.2404,
84.5959)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E3E4
RGB	241, 227, 228
RGB Percent	95%, 89%, 89%
CMY	0.0549, 0.1098, 0.1059
CMYK	0.00, 0.06, 0.05, 0.05
HSL	356°, 33%, 92%
HSV	356°, 6%, 95%
XYZ	77.7483, 79.2404, 84.5959
YIQ	231.3000, 8.0230, 3.2790

Conversions

Conversions Part 2

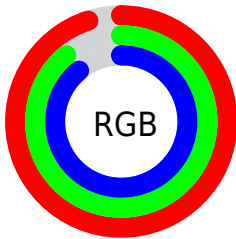
Format	Color
R _Y B	241, 227, 228
Decimal	15852516
CIE Lab	91.34, 4.93, 1.21
CIE LCh	91, 5.076, 13.810
Yxy	79.2404, 0.3218, 0.3280
Android (android.graphics.Color)	4294042596 (0xFF1E3E4)
YUV	231.3000, -1.6269, 8.5069
Hunter-Lab	89.0171, 0.1236, 5.9667

Details

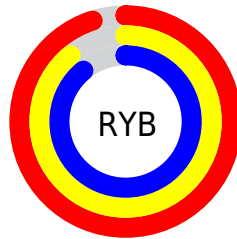
The XYZ color **77.7483, 79.2404, 84.5959** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.8650, 85.5348, 94.7956**, and the grayscale version is **76.1885, 80.1562, 87.2901**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3029, 42.8365, 45.5738** is the 20% darker color. If you saturate the color by 10%, you get **68.7037, 65.8059, 67.2290**, and if you desaturate by 10%, it is **88.1224, 94.6880, 104.3930**.

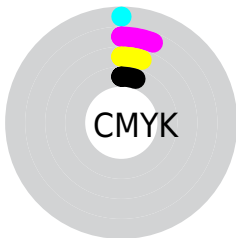
Distribution



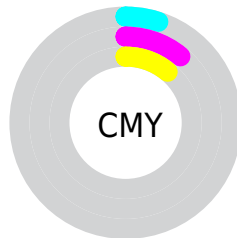
- Red (95%)
- Green (89%)
- Blue (89%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.7483, 79.2404, 84.5959 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 77.7483, 79.2404, 84.5959 by changing the saturation by 10% instead.


 77.7483, 79.2404,
84.5959

 77.7483, 79.2404,
84.5959


476.1645,
492.3692, 530.3996

 58.1693, 59.0935,
62.9593


129.1625,
132.2972, 141.6776

 42.1886, 42.6884,
45.3675


161.7284,
165.9760, 177.9598

 29.4407, 29.6407,
31.4019


199.3540,
204.9341, 219.9609

 19.5604, 19.5660,
20.6441


242.4046,
249.5560, 268.0995

 12.1823, 12.0800,
12.6754

291.2456,
300.2260, 322.7942

 6.9411, 6.7982,
7.0773

346.2423,

 3.4713, 3.3362,

357.3287, 384.4634

3.4313

407.7602,
421.2483, 453.5257

■ 1.4076, 1.3097,
1.3189

■ 0.2616, 0.1487,
0.0772

■ 77.7483, 79.2404,
84.5959

■ 77.7483, 79.2404,
84.5959

■ 68.7037, 65.8059,
67.2290

■ 88.1224, 94.6880,
104.3930

■ 60.9285, 54.2918,
52.1938

■ 90.0861, 97.4410,
108.6677

■ 54.3678, 44.6135,
39.3924

■ 48.9603, 36.6761,
28.7183

■ 44.6390, 30.3762,
20.0561

■ 41.3304, 25.5994,
13.2794

■ 38.9516, 22.2168,
8.2477

■ 37.4066, 20.0779,
4.8005

■ 36.5782, 18.9973,
2.7477

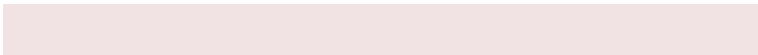
Harmonies

Analogous

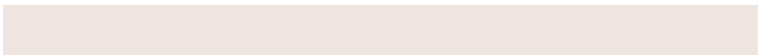
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.7211, 79.2404, 88.2737



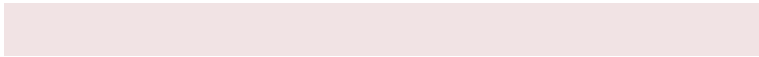
77.7483, 79.2404, 84.5959



77.1185, 79.2404, 81.4579

Triad

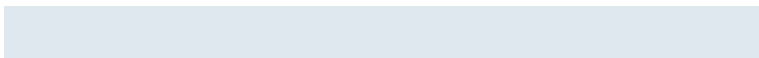
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.7483, 79.2404, 84.5959



73.6127, 79.2404, 81.2575



74.6267, 79.2404, 93.2775

Complementary

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



77.7483, 79.2404, 84.5959



78.8650, 85.5348, 94.7956

Split Complementary

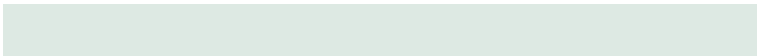
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.5411, 79.2404, 91.2873



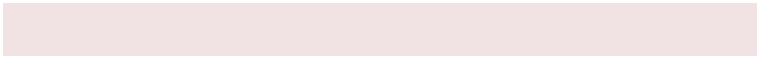
77.7483, 79.2404, 84.5959



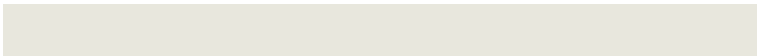
72.9603, 79.2404, 84.3152

Square

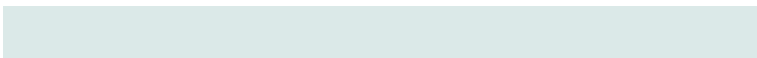
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.7483, 79.2404, 84.5959



74.7255, 79.2404, 79.5680



72.9342, 79.2404, 87.9849



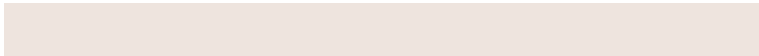
75.9088, 79.2404, 93.3578

Rectangle

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



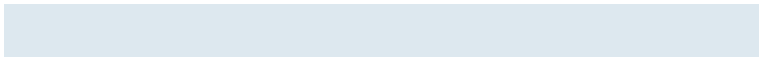
77.7483, 79.2404, 84.5959



76.4148, 79.2404, 80.0650



72.9342, 79.2404, 87.9849



74.2270, 79.2404, 92.8071

Sweetspot

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



77.7505, 79.2439, 84.5976



92.6911, 96.4877, 104.3974



79.2272, 79.7887, 94.4451



19.8644, 20.6891, 22.3925



0.0000, 0.0000, 0.0000



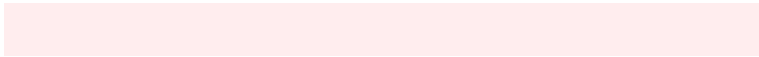
20.3446, 21.4041, 23.3091

Same Dimension

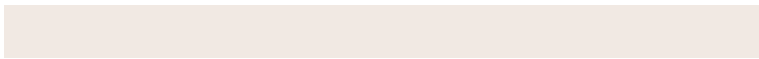
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.7505, 79.2439, 84.5976



87.0620, 88.1130, 93.6317



79.2348, 82.4331, 84.4123



16.1953, 16.3373, 17.3226



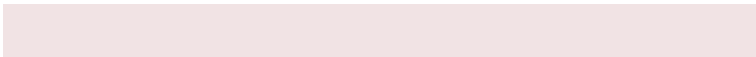
19.7445, 10.1702, 1.3053



1.6583, 0.8524, 0.1917

Inverse Universe

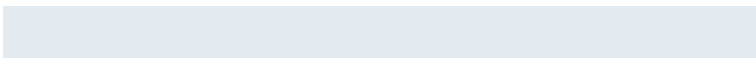
The Inverse Universe completely reimagines the original color for something new.



77.7505, 79.2439, 84.5976



87.0620, 88.1130, 93.6317



77.3147, 82.1967, 95.0107



16.1953, 16.3373, 17.3226



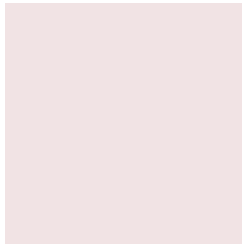
19.7445, 10.1702, 1.3053



1.6583, 0.8524, 0.1917

Previews

White Background



This preview shows how the XYZ color 77.7483, 79.2404, 84.5959 looks on a white background.

Color Contrast Check

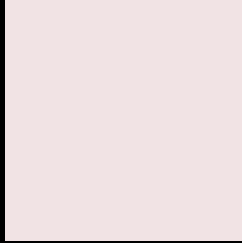
Large Text (above 18pt) WCAG AA × Fail

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 77.7483, 79.2404, 84.5959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

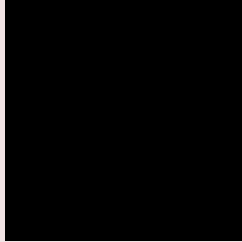
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

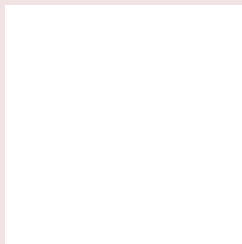
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.7483, 79.2404, 84.5959

Background



This preview shows how black text looks on a background with the XYZ color 77.7483, 79.2404, 84.5959.



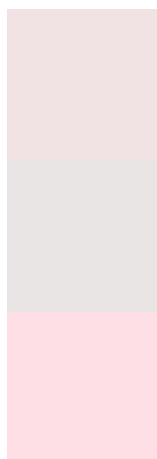
This preview shows how white text looks on a background with the XYZ color 77.7483, 79.2404,

84.5959.

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

77.7483, 79.2404, 84.5959

Protanopia

76.0939, 79.1882, 85.4030

Deuteranopia

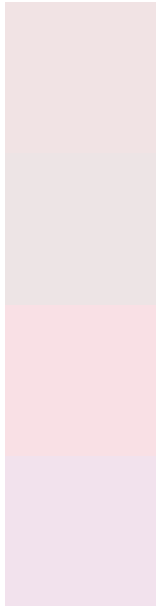
81.0385, 79.3151, 85.1669



Tritanopia

79.9144, 79.3159, 95.1020

Trichromacy



Original Color

77.7483, 79.2404, 84.5959

Protanomaly

76.8113, 79.1485, 85.3575

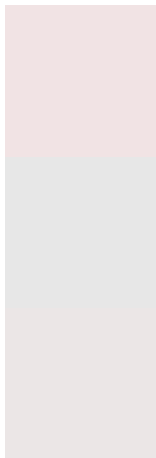
Deuteranomaly

79.8654, 79.1082, 85.1888

Tritanomaly

79.1004, 79.3844, 91.2744

Monochromacy



Original Color

77.7483, 79.2404, 84.5959

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.8407, 79.9690, 86.2485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.7483, 79.2404, 84.5959 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, 227, 228) looks like.

```
.text, #text, p{  
    color:rgb(241, 227, 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(241, 227, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 227, 228) }
```

Border

The CSS property to change the border of an element to XYZ 77.7483, 79.2404, 84.5959 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, 227, 228) }
```


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

```
.border{ border-color:rgb(241, 227, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 227, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 227, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 227, 228);  
box-shadow:4px 4px 4px 4px rgb(241, 227,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 77.7483, 79.2404, 84.5959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 227, 228) }
```

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

```
.background{ background-color: rgb(241,  
227, 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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