

Converting Colors

XYZ(74.4770, 78.7461, 86.4723)

Have a look what the booklet for
XYZ(74.4770, 78.7461, 86.4723)
contains.

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Color

**XYZ(74.2583, 78.6377,
86.1277)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E6E6
RGB	227, 230, 230
RGB Percent	89%, 90%, 90%
CMY	0.1098, 0.0980, 0.0980
CMYK	0.01, 0.00, 0.00, 0.10
HSL	180°, 6%, 90%
HSV	180°, 1%, 90%
XYZ	74.2583, 78.6377, 86.1277
YIQ	229.1030, -1.7880, -0.6360

Conversions

Conversions Part 2

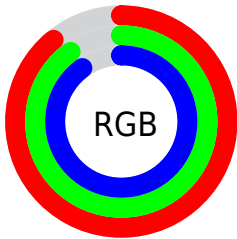
Format	Color
R_{YB}	227, 229, 230
Decimal	14935782
CIE Lab	91.07, -1.00, -0.36
CIE LCh	91, 1.063, 199.910
Yxy	78.6377, 0.3107, 0.3290
Android (android.graphics.Color)	4293125862 (0xFFE3E6E6)
YUV	229.1030, 0.4422, -1.8443
Hunter-Lab	88.6779, -5.7116, 4.4896

Details

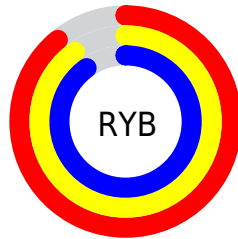
The XYZ color **74.2583, 78.6377, 86.1277** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.9703, 77.3093, 83.7004**, and the grayscale version is **74.5517, 78.4342, 85.4148**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0811, 42.5257, 46.6532** is the 20% darker color. If you saturate the color by 10%, you get **67.4795, 75.1458, 85.7908**, and if you desaturate by 10%, it is **82.0107, 82.6359, 86.5134**.

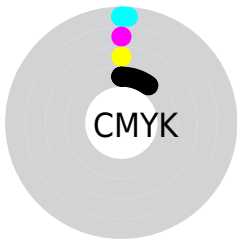
Distribution



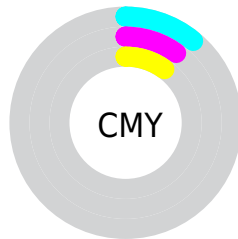
- Red (89%)
- Green (90%)
- Blue (90%)



- Red (89%)
- Yellow (90%)
- Blue (90%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (11%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2583, 78.6377, 86.1277 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 74.2583, 78.6377, 86.1277 by changing the saturation by 10% instead.

■ 74.2583, 78.6377,
86.1277

■ 74.2583, 78.6377,
86.1277

464.4009,
490.3298, 535.5938

■ 55.2975, 58.5980,
64.2181

124.2554,
131.4487, 143.8358

■ 39.8747, 42.2896,
46.3800

156.0225,
164.9888, 180.4714

■ 27.6247, 29.3281,
32.1950

192.7890,
203.7977, 222.8526

■ 18.1819, 19.3292,
21.2444

234.9203,
248.2600, 271.3982

■ 11.1812, 11.9084,
13.1098

282.7818,
298.7599, 326.5265

■ 6.2570, 6.6813,
7.3726

336.7389,

■ 3.0441, 3.2636,

355.6819, 388.6562

3.6142

397.1568,
419.4105, 458.2058

■ 1.1771, 1.2709,
1.4162

■ 0.0882, 0.1185,
0.1543

■ 74.2583, 78.6377,
86.1277

■ 74.2583, 78.6377,
86.1277

■ 67.4795, 75.1458,
85.7908

■ 82.0107, 82.6359,
86.5134

■ 61.6295, 72.1305,
85.4957

■ 83.8297, 83.5732,
86.6199

■ 56.6698, 69.5741,
85.2423

■ 83.8337, 83.5748,
86.6414

■ 52.5567, 67.4542,
85.0285

■ 83.8378, 83.5765,
86.6629

■ 49.2430, 65.7464,
84.8521

■ 83.8419, 83.5781,
86.6844

■ 46.6767, 64.4239,
84.7107

■ 83.8460, 83.5797,
86.7060

■ 44.7995, 63.4567,
84.6016

■ 83.8501, 83.5814,
86.7275

■ 43.5450, 62.8104,
84.5216

■ 83.8542, 83.5830,
86.7490

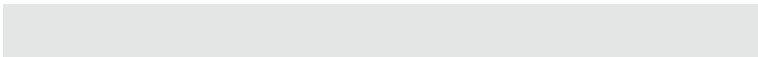
■ 42.8332, 62.4439,
84.4670

■ 83.8583, 83.5846,
86.7706

Harmonies

Analogous

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



74.2355, 78.6377, 85.3642



74.2583, 78.6377, 86.1277



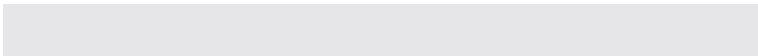
74.4107, 78.6377, 86.7595

Triad

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



74.2583, 78.6377, 86.1277



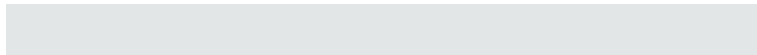
75.1385, 78.6377, 86.5790



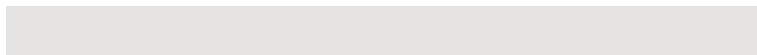
74.8333, 78.6377, 84.1753

Complementary

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



74.2583, 78.6377, 86.1277



73.9703, 77.3093, 83.7004

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.



75.0758, 78.6377, 84.4967



74.2583, 78.6377, 86.1277



75.2523, 78.6377, 85.8825

Square

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



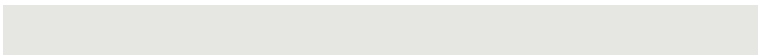
74.2583, 78.6377, 86.1277



74.9188, 78.6377, 87.0211



75.2294, 78.6377, 85.1204



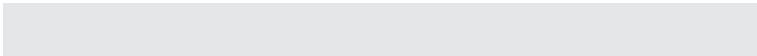
74.5671, 78.6377, 84.2401

Rectangle

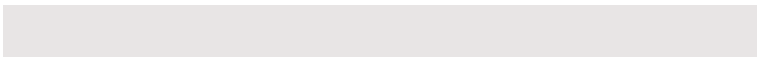
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



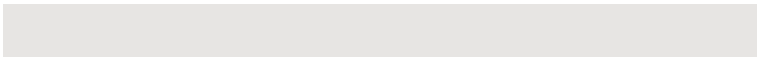
74.2583, 78.6377, 86.1277



74.5655, 78.6377, 87.0195



75.2294, 78.6377, 85.1204



74.9203, 78.6377, 84.2417

Sweetspot

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



74.2605, 78.6411, 86.1294

95.0500, 100.0000, 108.9000



73.8585, 78.4821, 83.9300



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

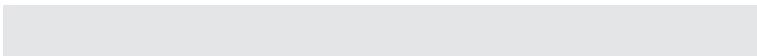
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2605, 78.6411, 86.1294



93.1975, 99.0451, 108.8079



73.8587, 77.8365, 85.9981



15.9224, 16.9112, 18.5684



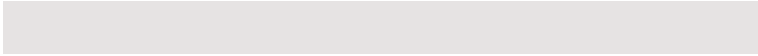
24.0835, 35.2655, 47.8017



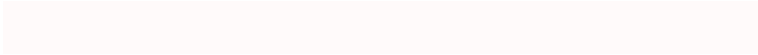
1.7799, 2.6061, 3.5337

Inverse Universe

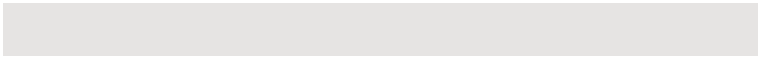
The Inverse Universe completely reimagines the original color for something new.



73.9703, 77.3093, 83.7004



92.6352, 96.4653, 104.1029



74.3685, 78.1067, 83.8306



15.8321, 16.4970, 17.8130



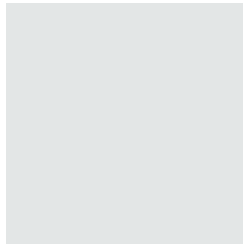
18.4763, 9.5247, 0.8711



1.3656, 0.7039, 0.0658

Previews

White Background



This preview shows how the XYZ color 74.2583, 78.6377, 86.1277 looks on a white background.

Color Contrast Check

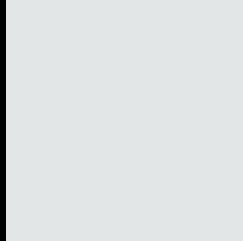
Large Text (above 18pt) WCAG AA × Fail

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 74.2583, 78.6377, 86.1277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

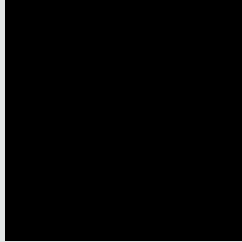
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

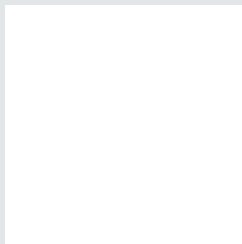
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2583, 78.6377, 86.1277

Background



This preview shows how black text looks on a background with the XYZ color 74.2583, 78.6377, 86.1277.



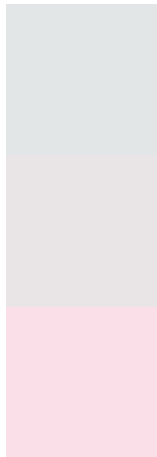
This preview shows how white text looks on a background with the XYZ color 74.2583, 78.6377,

86.1277.

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

74.2583, 78.6377, 86.1277

Protanopia

75.4905, 78.4676, 85.2957

Deuteranopia

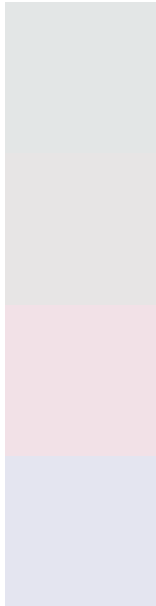
80.1111, 78.3927, 87.2529



Tritanopia

76.6911, 78.7986, 98.3564

Trichromacy



Original Color

74.2583, 78.6377, 86.1277

Protanomaly

75.1172, 78.6847, 85.3573

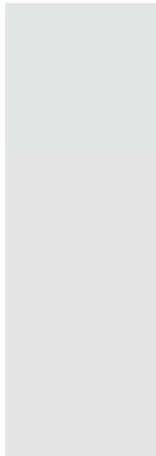
Deuteranomaly

77.9670, 78.4972, 86.6435

Tritanomaly

75.7424, 78.8239, 93.6606

Monochromacy



Original Color

74.2583, 78.6377, 86.1277

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.1571, 78.1897, 85.3124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2583, 78.6377, 86.1277 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(227, 230, 230) looks like.

```
.text, #text, p{  
    color:rgb(227, 230, 230)  
}
```

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(227, 230, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 230, 230) }
```

Border

The CSS property to change the border of an element to XYZ 74.2583, 78.6377, 86.1277 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(227, 230, 230) }
```

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

```
.border{ border-color:rgb(227, 230, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 230, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 230, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 230, 230);  
box-shadow:4px 4px 4px 4px rgb(227, 230,  
230) }
```


Background

The CSS property to change the background color of an element to XYZ 74.2583, 78.6377, 86.1277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 230, 230) }
```

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

```
.background{ background-color: rgb(227,  
230, 230) }
```

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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