

Converting Colors

XYZ(75.4287, 78.4833, 85.9051)

Have a look what the booklet for
XYZ(75.4287, 78.4833, 85.9051)
contains.

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Color

**XYZ(75.3050, 78.3558,
86.0181)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E4E6
RGB	232, 228, 230
RGB Percent	91%, 89%, 90%
CMY	0.0902, 0.1059, 0.0980
CMYK	0.00, 0.02, 0.01, 0.09
HSL	330°, 8%, 90%
HSV	330°, 2%, 91%
XYZ	75.3050, 78.3558, 86.0181
YIQ	229.4240, 1.7420, 1.4700

Conversions

Conversions Part 2

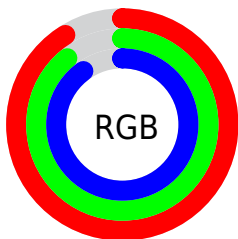
Format	Color
R _Y B	232, 228, 230
Decimal	15262950
CIE Lab	90.94, 1.71, -0.50
CIE LCh	91, 1.779, 343.536
Yxy	78.3558, 0.3142, 0.3269
Android (android.graphics.Color)	4293453030 (0xFFE8E4E6)
YUV	229.4240, 0.2840, 2.2592
Hunter-Lab	88.5188, -3.0538, 4.3481

Details

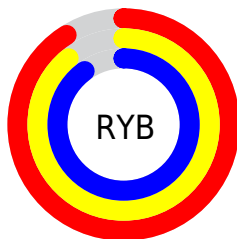
The XYZ color **75.3050, 78.3558, 86.0181** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.1373, 79.9223, 86.3332**, and the grayscale version is **74.7874, 78.6822, 85.6849**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5859, 42.2124, 46.5661** is the 20% darker color. If you saturate the color by 10%, you get **67.7700, 65.8081, 75.7285**, and if you desaturate by 10%, it is **83.8095, 92.6665, 97.1687**.

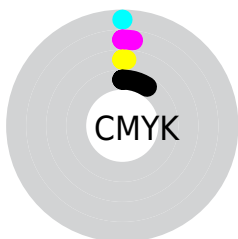
Distribution



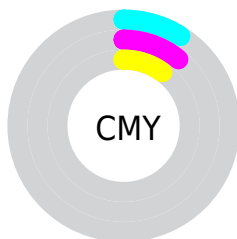
- Red (91%)
- Green (89%)
- Blue (90%)



- Red (91%)
- Yellow (89%)
- Blue (90%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (9%)



- Cyan (9%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3050, 78.3558, 86.0181 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 75.3050, 78.3558, 86.0181 by changing the saturation by 10% instead.

■ 75.3050, 78.3558,
86.0181

■ 75.3050, 78.3558,
86.0181

467.9463,
489.3743, 535.2231

■ 56.1578, 58.3663,
64.1280

125.7296,
131.0516, 143.6815

■ 40.5670, 42.1032,
46.3075

157.7378,
164.5266, 180.2919

■ 28.1671, 29.1821,
32.1381

194.7637,
203.2657, 222.6460

■ 18.5927, 19.2186,
21.2013

237.1726,
247.6531, 271.1626

■ 11.4786, 11.8284,
13.0786

285.3300,
298.0733, 326.2600

■ 6.4594, 6.6269,
7.3513

339.6012,

■ 3.1697, 3.2299,

354.9106, 388.3569

3.6010

400.3515,
418.5495, 457.8717

■ 1.2441, 1.2529,
1.4091

■ 0.1408, 0.1043,
0.1488

■ 75.3050, 78.3558,
86.0181

■ 75.3050, 78.3558,
86.0181

■ 67.7700, 65.8081,
75.7285

■ 83.8095, 92.6665,
97.1687

■ 61.1620, 54.9447,
66.2724

■ 86.8043, 95.7821,
107.0277

■ 55.4447, 45.6960,
57.6281

■ 87.0891, 95.8960,
108.5274

■ 50.5772, 37.9835,
49.7709

■ 46.5152, 31.7220,
42.6747

■ 43.2100, 26.8182,
36.3114

■ 40.6073, 23.1676,
30.6508

■ 38.6451, 20.6502,
25.6594

■ 37.2495, 19.1223,
21.2992

Harmonies

Analogous

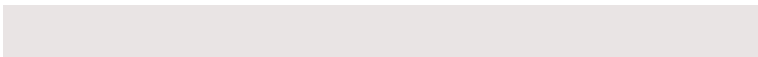
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.0705, 78.3558, 87.1193



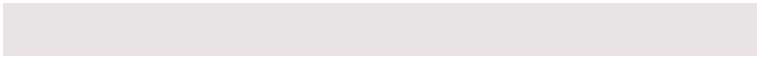
75.3050, 78.3558, 86.0181



75.3165, 78.3558, 84.7393

Triad

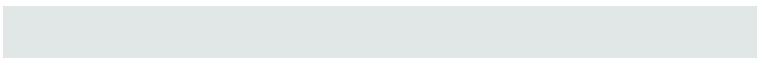
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3050, 78.3558, 86.0181



74.2732, 78.3558, 82.9372



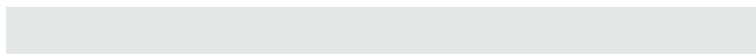
73.8514, 78.3558, 87.0289

Complementary

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



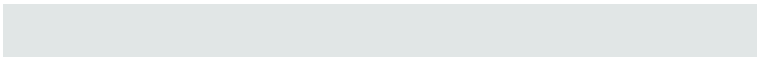
75.3050, 78.3558, 86.0181



75.1373, 79.9223, 86.3332

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.



73.6395, 78.3558, 85.8956



75.3050, 78.3558, 86.0181



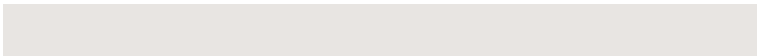
73.8823, 78.3558, 83.5380

Square

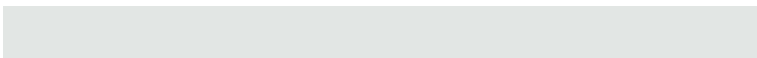
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



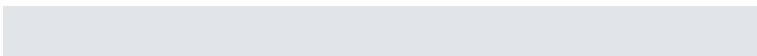
75.3050, 78.3558, 86.0181



74.7195, 78.3558, 82.9693



73.6508, 78.3558, 84.6180



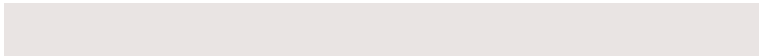
74.2307, 78.3558, 87.7069

Rectangle

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



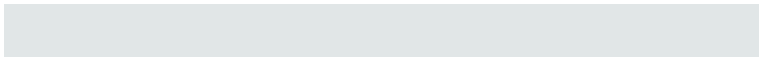
75.3050, 78.3558, 86.0181



75.1960, 78.3558, 83.9588



73.6508, 78.3558, 84.6180



73.7583, 78.3558, 86.6880

Sweetspot

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



75.3072, 78.3592, 86.0198



94.0371, 98.3019, 107.5521



74.9448, 78.1397, 87.4773



20.1385, 21.0585, 23.0348



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

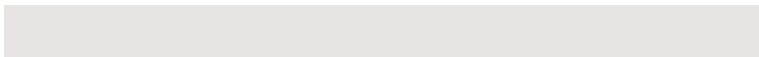
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3072, 78.3592, 86.0198



93.0363, 96.6258, 106.2149



75.0284, 78.2477, 84.5518



15.8965, 16.5228, 18.1523



20.2853, 10.2483, 10.3971



1.5459, 0.7761, 1.0152

Inverse Universe

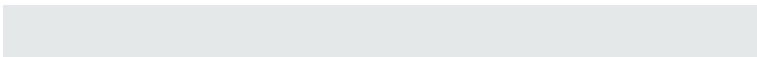
The Inverse Universe completely reimagines the original color for something new.



75.3072, 78.3592, 86.0198



93.0363, 96.6258, 106.2149



75.4193, 80.0351, 87.8182



15.8965, 16.5228, 18.1523



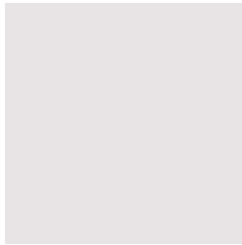
20.2853, 10.2483, 10.3971



1.5459, 0.7761, 1.0152

Previews

White Background



This preview shows how the XYZ color 75.3050, 78.3558, 86.0181 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 75.3050, 78.3558, 86.0181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

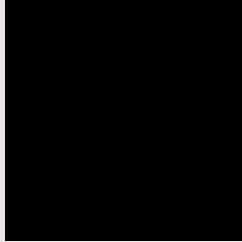
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

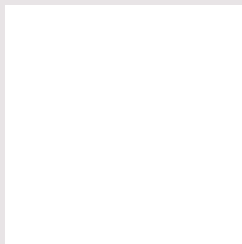
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3050, 78.3558, 86.0181

Background



This preview shows how black text looks on a background with the XYZ color 75.3050, 78.3558, 86.0181.



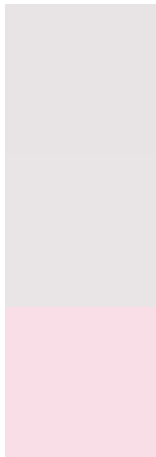
This preview shows how white text looks on a background with the XYZ color 75.3050, 78.3558,

86.0181.

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

75.3050, 78.3558, 86.0181

Protanopia

75.6306, 78.5236, 86.0333

Deuteranopia

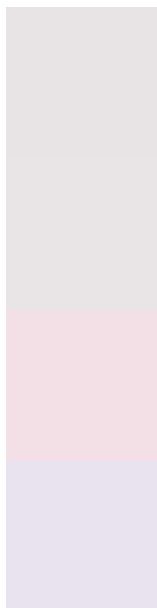
79.9694, 78.3361, 86.5068



Tritanopia

77.4572, 78.4168, 96.6415

Trichromacy



Original Color

75.3050, 78.3558, 86.0181

Protanomaly

75.6306, 78.5236, 86.0333

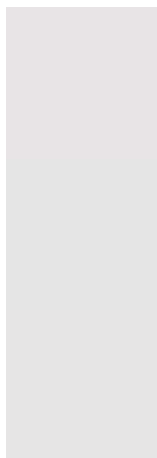
Deuteranomaly

78.0416, 78.1355, 86.5697

Tritanomaly

76.6533, 78.4938, 92.7721

Monochromacy



Original Color

75.3050, 78.3558, 86.0181

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.7953, 78.5188, 85.3422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3050, 78.3558, 86.0181 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(232, 228, 230) looks like.

```
.text, #text, p{  
    color:rgb(232, 228, 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(232, 228, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 228, 230) }
```

Border

The CSS property to change the border of an element to XYZ 75.3050, 78.3558, 86.0181 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(232, 228, 230) }
```


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

```
.border{ border-color:rgb(232, 228, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 228, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 228, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 228, 230);  
box-shadow:4px 4px 4px 4px rgb(232, 228,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3050, 78.3558, 86.0181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 228, 230) }
```

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

```
.background{ background-color: rgb(232,  
228, 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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