

Converting Colors

XYZ(73.2461, 77.9700, 84.9228)

Have a look what the booklet for
XYZ(73.2461, 77.9700, 84.9228)
contains.

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Color

**XYZ(73.3517, 78.2026,
84.6274)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E6E4
RGB	225, 230, 228
RGB Percent	88%, 90%, 89%
CMY	0.1176, 0.0980, 0.1059
CMYK	0.02, 0.00, 0.01, 0.10
HSL	156°, 9%, 89%
HSV	156°, 2%, 90%
XYZ	73.3517, 78.2026, 84.6274
YIQ	228.2770, -2.3380, -1.6820

Conversions

Conversions Part 2

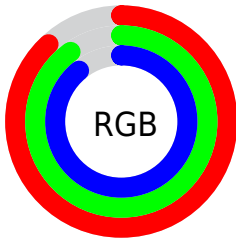
Format	Color
R_{YB}	225, 228, 230
Decimal	14804708
CIE _{Lab}	90.87, -2.03, 0.38
CIE _{LCh}	91, 2.063, 169.464
Yxy	78.2026, 0.3106, 0.3311
Android (android.graphics.Color)	4292994788 (0xFFE1E6E4)
YUV	228.2770, -0.1366, -2.8739
Hunter-Lab	88.4322, -6.6964, 5.1635

Details

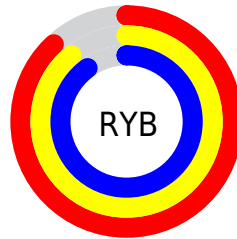
The XYZ color **73.3517, 78.2026, 84.6274** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.4263, 76.2214, 83.5190**, and the grayscale version is **73.9496, 77.8007, 84.7250**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4504, 42.2231, 45.6058** is the 20% darker color. If you saturate the color by 10%, you get **65.4144, 74.2568, 77.7595**, and if you desaturate by 10%, it is **82.3274, 82.6803, 91.9027**.

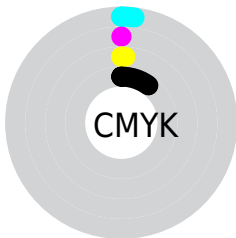
Distribution



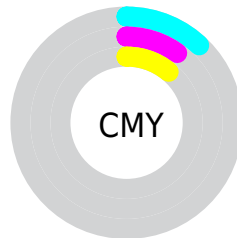
- Red (88%)
- Green (90%)
- Blue (89%)



- Red (88%)
- Yellow (89%)
- Blue (90%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (10%)



- Cyan (12%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3517, 78.2026, 84.6274 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 73.3517, 78.2026, 84.6274 by changing the saturation by 10% instead.

■ 73.3517, 78.2026,
84.6274

■ 73.3517, 78.2026,
84.6274

461.3178,
488.8546, 530.5067

■ 54.5530, 58.2404,
62.9852

122.9768,
130.8357, 141.7220

■ 39.2764, 42.0020,
45.3883

154.5339,
164.2754, 178.0115

■ 27.1565, 29.1028,
31.4182

191.0745,
202.9764, 220.0205

■ 17.8280, 19.1586,
20.6564

232.9640,
247.3231, 268.1675

■ 10.9255, 11.7850,
12.6843

280.5677,
297.6998, 322.8711

■ 6.0837, 6.5974,
7.0833

334.2510,

■ 2.9372, 3.2116,

354.4911, 384.5498

3.4350

394.3793,
418.0812, 453.6222

■ 1.1206, 1.2432,
1.3208

■ 0.0423, 0.0966,
0.0788

■ 73.3517, 78.2026,
84.6274

■ 73.3517, 78.2026,
84.6274

■ 65.4144, 74.2568,
77.7595

■ 82.3274, 82.6803,
91.9027

■ 58.4696, 70.8127,
71.2865

■ 86.2377, 84.5364,
99.3003

■ 52.4774, 67.8521,
65.2027

■ 87.5883, 85.0766,
106.4128

■ 47.3929, 65.3519,
59.5000

■ 43.1671, 63.2870,
54.1705

■ 39.7465, 61.6299,
49.2054

■ 37.0712, 60.3500,
44.5957

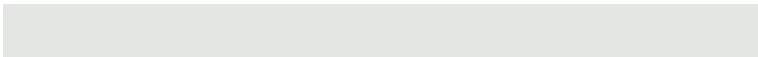
■ 35.0723, 59.4118,
40.3319

■ 33.6672, 58.7730,
36.4034

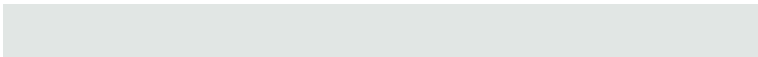
Harmonies

Analogous

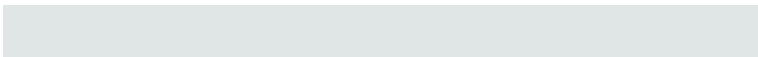
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.5728, 78.2026, 83.3039



73.3517, 78.2026, 84.6274



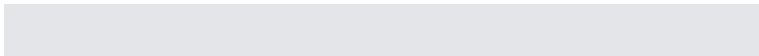
73.3916, 78.2026, 86.1059

Triad

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



73.3517, 78.2026, 84.6274



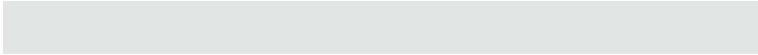
74.6625, 78.2026, 87.8746



74.9802, 78.2026, 82.9941

Complementary

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



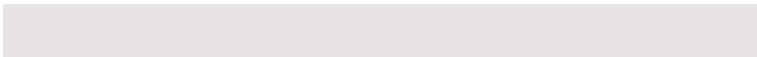
73.3517, 78.2026, 84.6274



73.4263, 76.2214, 83.5190

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.



75.2748, 78.2026, 84.1999



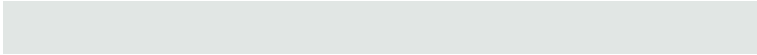
73.3517, 78.2026, 84.6274



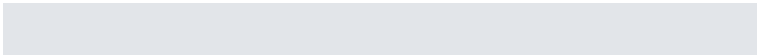
75.0908, 78.2026, 87.0218

Square

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



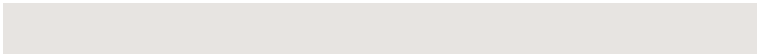
73.3517, 78.2026, 84.6274



74.1468, 78.2026, 87.9923



75.3154, 78.2026, 85.6734



74.5120, 78.2026, 82.3683

Rectangle

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



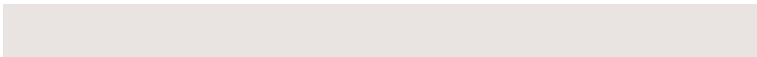
73.3517, 78.2026, 84.6274



73.5609, 78.2026, 86.9802



75.3154, 78.2026, 85.6734



75.1029, 78.2026, 83.3444

Sweetspot

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



73.3539, 78.2059, 84.6291



93.9541, 99.4540, 107.9929



73.5949, 78.3779, 82.4847



20.1216, 21.2930, 23.1245



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

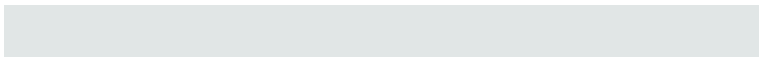
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3539, 78.2059, 84.6291



91.8020, 98.3821, 106.1941



73.5179, 78.0861, 86.0642



15.5283, 16.7201, 18.0057



18.6752, 33.1022, 19.3218



1.4256, 2.4644, 1.6679

Inverse Universe

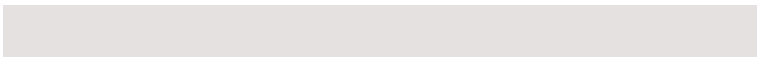
The Inverse Universe completely reimagines the original color for something new.



73.4263, 76.2214, 83.5190



91.9281, 94.9239, 104.2596



73.2641, 76.3371, 82.1083



15.5551, 15.9841, 17.5940



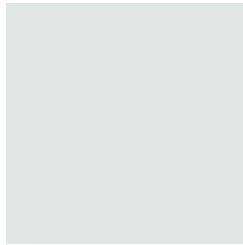
19.6277, 9.9853, 6.9344



1.4953, 0.7558, 0.7487

Previews

White Background



This preview shows how the XYZ color 73.3517, 78.2026, 84.6274 looks on a white background.

Color Contrast Check

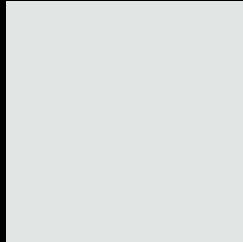
Large Text (above 18pt) WCAG AA × Fail

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 73.3517, 78.2026, 84.6274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

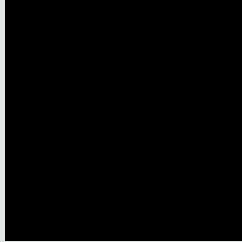
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

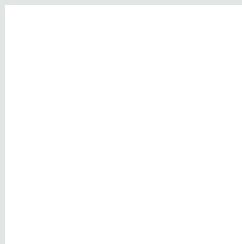
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3517, 78.2026, 84.6274

Background



This preview shows how black text looks on a background with the XYZ color 73.3517, 78.2026, 84.6274.



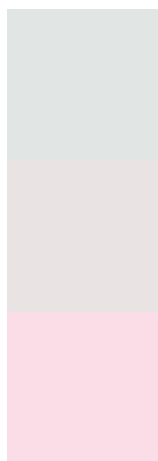
This preview shows how white text looks on a background with the XYZ color 73.3517, 78.2026,

84.6274.

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

73.3517, 78.2026, 84.6274

Protanopia

75.2128, 78.3565, 83.8332

Deuteranopia

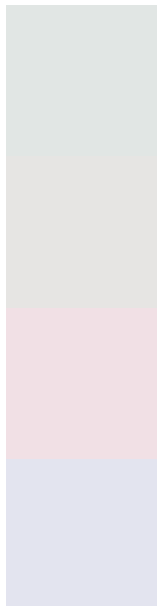
79.5637, 77.7501, 85.6767



Tritanopia

75.9454, 78.0247, 97.4437

Trichromacy



Original Color

73.3517, 78.2026, 84.6274

Protanomaly

74.5176, 78.4077, 83.8797

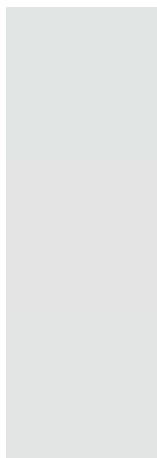
Deuteranomaly

77.0741, 77.6692, 85.0582

Tritanomaly

75.0019, 78.0497, 92.7734

Monochromacy



Original Color

73.3517, 78.2026, 84.6274

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.7015, 77.9710, 84.5642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3517, 78.2026, 84.6274 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(225, 230, 228) looks like.

```
.text, #text, p{  
    color:rgb(225, 230, 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(225, 230, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 230, 228) }
```

Border

The CSS property to change the border of an element to XYZ 73.3517, 78.2026, 84.6274 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(225, 230, 228) }
```


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

```
.border{ border-color:rgb(225, 230, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 230, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 230, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 230, 228);  
box-shadow:4px 4px 4px 4px rgb(225, 230,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3517, 78.2026, 84.6274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 230, 228) }
```

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

```
.background{ background-color: rgb(225,  
230, 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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