

Converting Colors

XYZ(72.1936, 78.6394, 87.4408)

Have a look what the booklet for
XYZ(72.1936, 78.6394, 87.4408)
contains.

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Color

**XYZ(72.3197, 78.8557,
87.7530)**

Conversions

Conversions Part 1

Format	Color
Hex	D9E9E8
RGB	217, 233, 232
RGB Percent	85%, 91%, 91%
CMY	0.1490, 0.0863, 0.0902
CMYK	0.07, 0.00, 0.00, 0.09
HSL	176°, 27%, 88%
HSV	176°, 7%, 91%
XYZ	72.3197, 78.8557, 87.7530
YIQ	228.1020, -9.2150, -3.7030

Conversions

Conversions Part 2

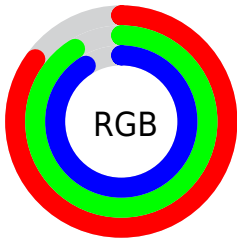
Format	Color
RYB	217, 225, 233
Decimal	14281192
CIELab	91.17, -5.47, -1.35
CIELCh	91, 5.632, 193.846
Yxy	78.8557, 0.3027, 0.3300
Android (android.graphics.Color)	4292471272 (0xFFD9E9E8)
YUV	228.1020, 1.9217, -9.7365
Hunter-Lab	88.8007, -10.0301, 3.5701

Details

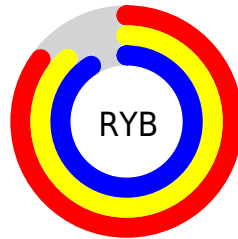
The XYZ color **72.3197, 78.8557, 87.7530** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.0749, 72.0135, 76.4873**, and the grayscale version is **73.8105, 77.6544, 84.5656**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4589, 42.2603, 47.2043** is the 20% darker color. If you saturate the color by 10%, you get **65.6709, 75.4542, 86.3645**, and if you desaturate by 10%, it is **79.9525, 82.7687, 89.1998**.

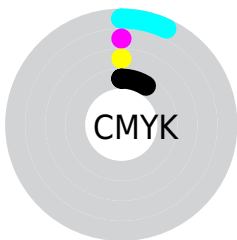
Distribution



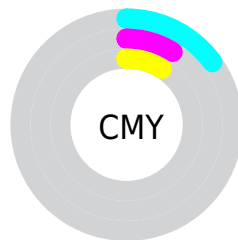
- Red (85%)
- Green (91%)
- Blue (91%)



- Red (85%)
- Yellow (88%)
- Blue (91%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (15%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.3197, 78.8557, 87.7530 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 72.3197, 78.8557, 87.7530 by changing the saturation by 10% instead.

■ 72.3197, 78.8557,
87.7530

■ 72.3197, 78.8557,
87.7530

457.7940,
491.0680, 541.0744

■ 53.7063, 58.7772,
65.5554

121.5193,
131.7557, 146.1213

■ 38.5966, 42.4338,
47.4573

152.8362,
165.3460, 183.1291

■ 26.6254, 29.4411,
33.0404

189.1182,
204.2089, 225.9107

■ 17.4272, 19.4148,
21.8860

230.7309,
248.7290, 274.8846

■ 10.6367, 11.9704,
13.5757

278.0394,
299.2905, 330.4694

■ 5.8886, 6.7235,
7.6908

331.4092,

■ 2.8175, 3.2898,

356.2780, 393.0836

3.8128

391.2056,
420.0757, 463.1457

■ 1.0580, 1.2848,
1.5232

■ 0.0000, 0.1294,
0.2351

■ 72.3197, 78.8557,
87.7530

■ 72.3197, 78.8557,
87.7530

■ 65.6709, 75.4542,
86.3645

■ 79.9525, 82.7687,
89.1998

■ 59.9587, 72.5331,
85.0273

■ 85.3647, 85.5345,
90.5500

■ 55.1417, 70.0733,
83.7408

■ 85.5766, 85.6192,
91.6660

■ 51.1728, 68.0506,
82.5031

■ 85.7903, 85.7047,
92.7911

48.0006, 66.4383,
81.3115

86.0057, 85.7909,
93.9253

45.5681, 65.2072,
80.1634

86.2228, 85.8777,
95.0688

43.8109, 64.3240,
79.0558

86.4417, 85.9653,
96.2215

42.6533, 63.7498,
77.9852

86.6624, 86.0535,
97.3834

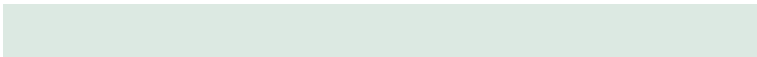
41.9985, 63.4345,
76.9469

86.8848, 86.1425,
98.5546

Harmonies

Analogous

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



72.3476, 78.8557, 83.6946



72.3197, 78.8557, 87.7530



72.9903, 78.8557, 91.4146

Triad

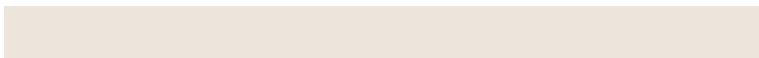
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.3197, 78.8557, 87.7530



76.8650, 78.8557, 91.6480



75.7153, 78.8557, 78.5381

Complementary

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



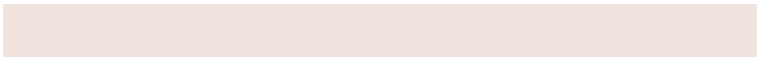
72.3197, 78.8557, 87.7530



71.0749, 72.0135, 76.4873

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.



76.9445, 78.8557, 80.5360



72.3197, 78.8557, 87.7530



77.6140, 78.8557, 88.0633

Square

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



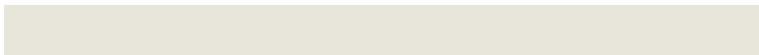
72.3197, 78.8557, 87.7530



75.6079, 78.8557, 93.7111



77.6433, 78.8557, 83.9953



74.2959, 78.8557, 78.4610

Rectangle

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



72.3197, 78.8557, 87.7530



73.7481, 78.8557, 93.1021



77.6433, 78.8557, 83.9953



76.1648, 78.8557, 79.0044

Sweetspot

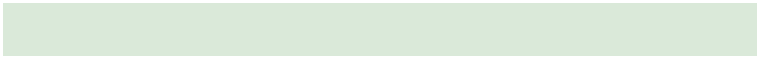
The Sweet Spot groups the original color and five complimentary colors.



72.3219, 78.8590, 87.7547



93.1471, 99.0249, 108.5424



70.5990, 78.2066, 77.0214



19.9572, 21.2056, 23.2363



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

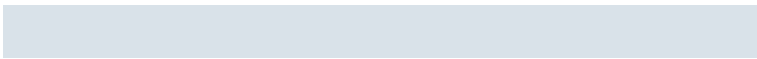
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.3219, 78.8590, 87.7547



87.7337, 96.2520, 107.4862



70.5401, 75.0665, 87.8661



15.4745, 17.1046, 19.1816



23.7612, 35.9589, 43.5690



1.8782, 2.8286, 3.4864

Inverse Universe

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



71.0749, 72.0135, 76.4873



85.9567, 86.4970, 91.4300



72.7692, 75.6116, 76.4061



15.1038, 15.0694, 15.8317



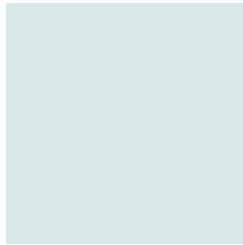
19.1302, 9.8548, 1.2213



1.5157, 0.7792, 0.1669

Previews

White Background



This preview shows how the XYZ color 72.3197, 78.8557, 87.7530 looks on a white background.

Color Contrast Check

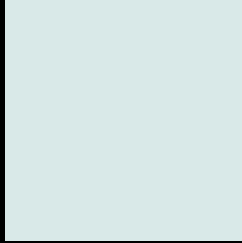
Large Text (above 18pt) WCAG AA × Fail

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 72.3197, 78.8557, 87.7530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

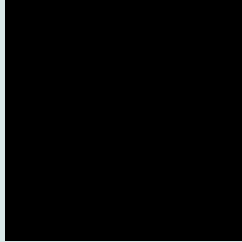
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

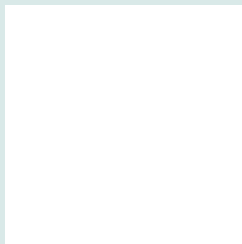
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.3197, 78.8557, 87.7530

Background



This preview shows how black text looks on a background with the XYZ color 72.3197, 78.8557, 87.7530.



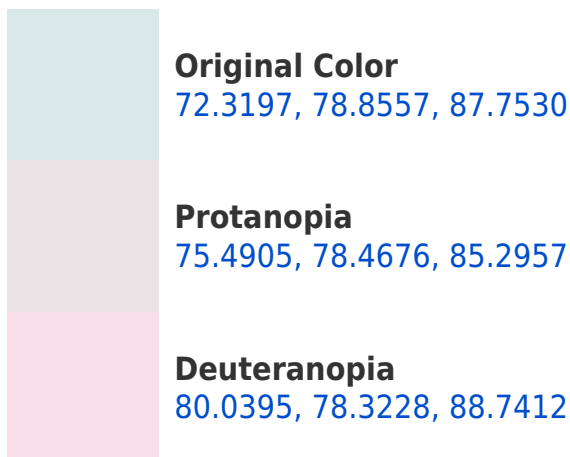
This preview shows how white text looks on a background with the XYZ color 72.3197, 78.8557,

87.7530.

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

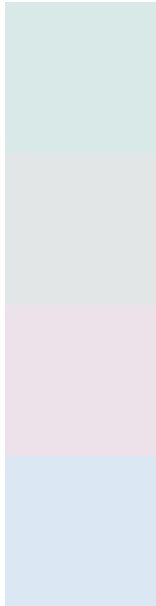




Tritanopia

74.9109, 78.6488, 100.8550

Trichromacy



Original Color

72.3197, 78.8557, 87.7530

Protanomaly

74.2583, 78.6377, 86.1277

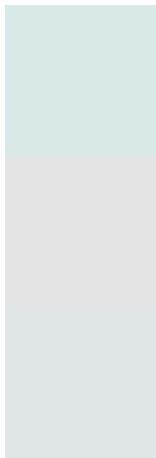
Deuteranomaly

76.8294, 78.2804, 88.1511

Tritanomaly

73.9670, 78.6830, 96.0829

Monochromacy



Original Color

72.3197, 78.8557, 87.7530

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.1801, 78.0981, 85.3462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3197, 78.8557, 87.7530 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(217, 233, 232) looks like.

```
.text, #text, p{  
    color:rgb(217, 233, 232)  
}
```

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(217, 233, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 233, 232) }
```

Border

The CSS property to change the border of an element to XYZ 72.3197, 78.8557, 87.7530 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(217, 233, 232) }
```


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

```
.border{ border-color:rgb(217, 233, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 233, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 233, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 233, 232); box-shadow:4px 4px 4px 4px rgb(217, 233, 232) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3197, 78.8557, 87.7530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 233, 232) }
```

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

```
.background{ background-color: rgb(217,  
233, 232) }
```

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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