

Converting Colors

XYZ(71.8835, 76.3034, 91.5627)

Have a look what the booklet for
XYZ(71.8835, 76.3034, 91.5627)
contains.

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Color

**XYZ(72.0895, 76.5653,
91.8680)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE4EE
RGB	218, 228, 238
RGB Percent	85%, 89%, 93%
CMY	0.1451, 0.1059, 0.0667
CMYK	0.08, 0.04, 0.00, 0.07
HSL	210°, 37%, 89%
HSV	210°, 8%, 93%
XYZ	72.0895, 76.5653, 91.8680
YIQ	226.1500, -9.1700, 0.9900

Conversions

Conversions Part 2

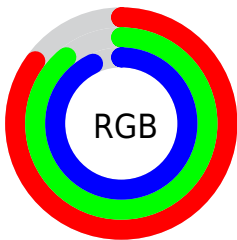
Format	Color
R _Y B	218, 225, 238
Decimal	14345454
CIE Lab	90.12, -1.44, -6.02
CIE LCh	90, 6.188, 256.576
Yxy	76.5653, 0.2997, 0.3183
Android (android.graphics.Color)	4292535534 (0xFFDAE4EE)
YUV	226.1500, 5.8421, -7.1475
Hunter-Lab	87.5016, -6.0679, -0.9975

Details

The XYZ color **72.0895, 76.5653, 91.8680** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.6586, 78.7254, 77.5390**, and the grayscale version is **72.3629, 76.1314, 82.9071**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4913, 41.0511, 50.1509** is the 20% darker color. If you saturate the color by 10%, you get **62.3167, 66.8369, 90.5065**, and if you desaturate by 10%, it is **83.1140, 87.2774, 93.3558**.

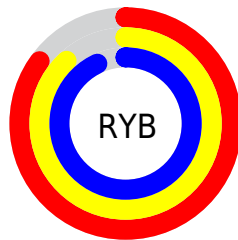
Distribution



Red (85%)

Green (89%)

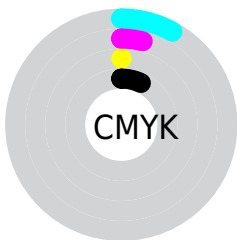
Blue (93%)



Red (85%)

Yellow (88%)

Blue (93%)

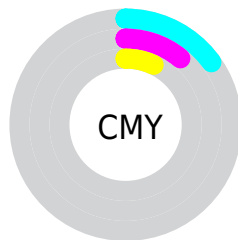


Cyan (8%)

Magenta (4%)

Yellow (0%)

Black (7%)



Cyan (15%)

Magenta (11%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0895, 76.5653, 91.8680 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 72.0895, 76.5653, 91.8680 by changing the saturation by 10% instead.

■ 72.0895, 76.5653,
91.8680

■ 72.0895, 76.5653,
91.8680

457.0059,
483.2806, 554.8150

■ 53.5175, 56.8962,
68.9486

121.1939,
128.5257, 151.8885

■ 38.4452, 40.9219,
50.1983

152.4570,
161.5857, 189.8267

■ 26.5072, 28.2581,
35.1987

188.6812,
199.8782, 233.6083

■ 17.3381, 18.5203,
23.5312

230.2318,
243.7874, 283.6517

■ 10.5726, 11.3242,
14.7773

277.4742,
293.6979, 340.3755

■ 5.8454, 6.2853,
8.5183

330.7738,

■ 2.7911, 3.0193,

349.9940, 404.1983

4.3359

390.4959,
413.0601, 475.5386

■ 1.0443, 1.1418,
1.8114

■ 0.0000, 0.0134,
0.4354

■ 72.0895, 76.5653,
91.8680

■ 72.0895, 76.5653,
91.8680

■ 62.3167, 66.8369,
90.5065

■ 83.1140, 87.2774,
93.3558

■ 53.7409, 58.0511,
89.2627

■ 91.4196, 96.9267,
94.7805

■ 46.3134, 50.1780,
88.1345

■ 92.4328, 98.9531,
95.1183

■ 39.9792, 43.1822,
87.1180

■ 34.6783, 37.0253,
86.2090

■ 30.3445, 31.6656,
85.4029

■ 26.9030, 27.0566,
84.6946

■ 24.2661, 23.1447,
84.0786

■ 22.3106, 19.8579,
83.5472

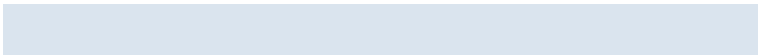
Harmonies

Analogous

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



70.7616, 76.5653, 89.6623



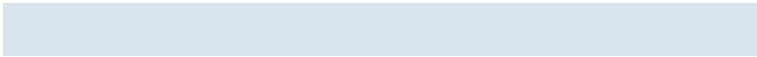
72.0895, 76.5653, 91.8680



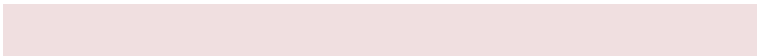
73.6189, 76.5653, 91.7395

Triad

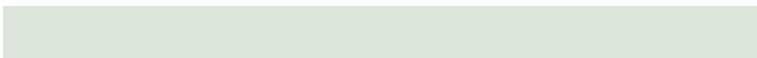
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.0895, 76.5653, 91.8680



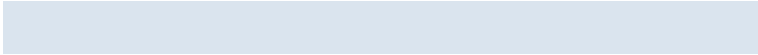
75.6407, 76.5653, 80.9766



70.6489, 76.5653, 77.6862

Complementary

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



72.0895, 76.5653, 91.8680



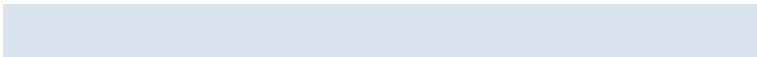
75.6586, 78.7254, 77.5390

Split Complementary

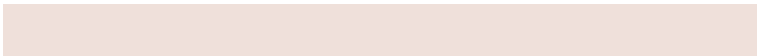
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.9336, 76.5653, 75.5193



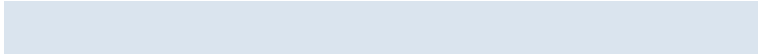
72.0895, 76.5653, 91.8680



74.8222, 76.5653, 77.3727

Square

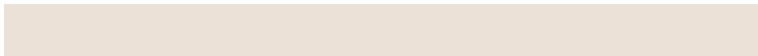
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.0895, 76.5653, 91.8680



75.6839, 76.5653, 85.3458



73.4608, 76.5653, 75.4065



69.9378, 76.5653, 81.4183

Rectangle

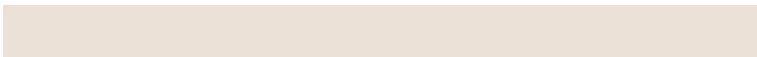
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.0895, 76.5653, 91.8680



74.5473, 76.5653, 90.3458



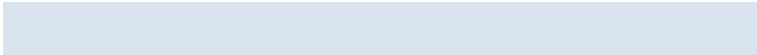
73.4608, 76.5653, 75.4065



71.0271, 76.5653, 76.7564

Sweetspot

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



72.0917, 76.5685, 91.8697



91.0836, 96.1624, 108.3683



73.4466, 81.6388, 85.0445



19.2736, 20.3670, 23.1653



0.0000, 0.0000, 0.0000



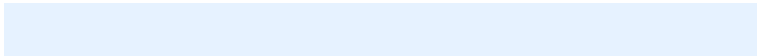
20.3446, 21.4041, 23.3091

Same Dimension

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



72.0917, 76.5685, 91.8697



82.3508, 87.6161, 107.1790



69.5054, 71.3958, 91.0076



15.5505, 16.5351, 20.0936



12.4224, 11.0690, 46.6097



1.1329, 1.1198, 3.9107

Inverse Universe

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



74.3367, 73.9230, 83.7531



85.4631, 84.0018, 95.9144



78.3936, 84.1955, 78.4506



16.1025, 15.8907, 18.0962



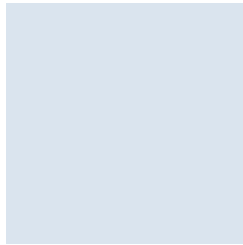
21.5958, 10.9108, 11.0542



1.8468, 0.9278, 1.1841

Previews

White Background



This preview shows how the XYZ color 72.0895, 76.5653, 91.8680 looks on a white background.

Color Contrast Check

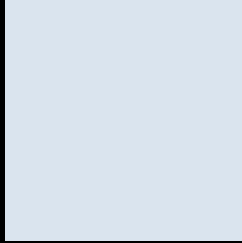
Large Text (above 18pt) WCAG AA × Fail

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 72.0895, 76.5653, 91.8680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

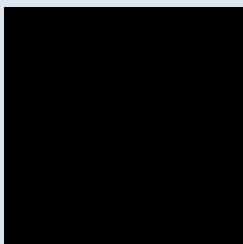
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

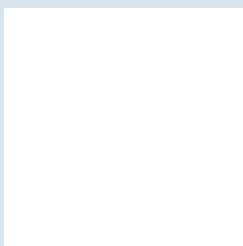
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.0895, 76.5653, 91.8680

Background



This preview shows how black text looks on a background with the XYZ color 72.0895, 76.5653, 91.8680.



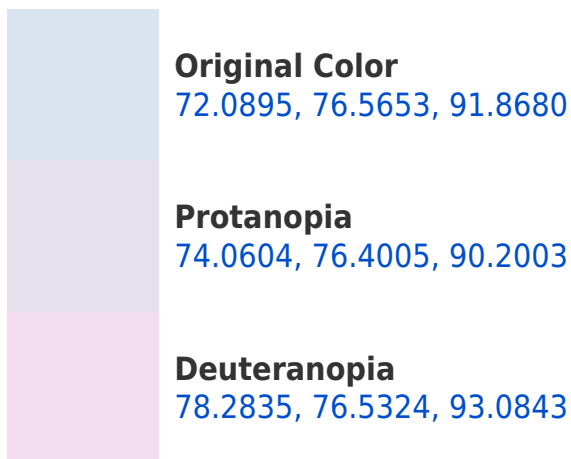
This preview shows how white text looks on a background with the XYZ color 72.0895, 76.5653,

91.8680.

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

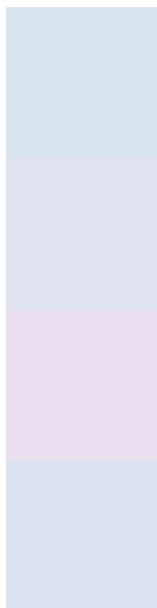




Tritanopia

73.1639, 76.5908, 97.3136

Trichromacy



Original Color

72.0895, 76.5653, 91.8680

Protanomaly

73.2229, 76.3544, 90.9994

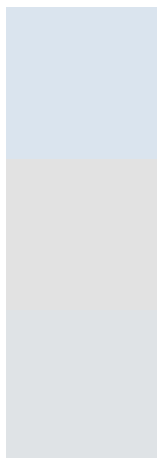
Deuteranomaly

75.8993, 76.4998, 92.4270

Tritanomaly

72.7095, 76.4090, 94.9206

Monochromacy



Original Color

72.0895, 76.5653, 91.8680

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.1834, 76.3393, 85.7934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0895, 76.5653, 91.8680 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(218, 228, 238) looks like.

```
.text, #text, p{  
    color:rgb(218, 228, 238)  
}
```

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(218, 228, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 228, 238) }
```

Border

The CSS property to change the border of an element to XYZ 72.0895, 76.5653, 91.8680 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(218, 228, 238) }
```


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

```
.border{ border-color:rgb(218, 228, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 228, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 228, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 228, 238);  
box-shadow:4px 4px 4px 4px rgb(218, 228,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0895, 76.5653, 91.8680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 228, 238) }
```

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

```
.background{ background-color: rgb(218,  
228, 238) }
```

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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