

Converting Colors

XYZ(72.0777, 78.6760, 95.5885)

Have a look what the booklet for
XYZ(72.0777, 78.6760, 95.5885)
contains.

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Color

**XYZ(72.0299, 78.5375,
95.3673)**

Conversions

Conversions Part 1

Format	Color
Hex	D3E9F2
RGB	211, 233, 242
RGB Percent	83%, 91%, 95%
CMY	0.1725, 0.0863, 0.0510
CMYK	0.13, 0.04, 0.00, 0.05
HSL	197°, 54%, 89%
HSV	197°, 13%, 95%
XYZ	72.0299, 78.5375, 95.3673
YIQ	227.4480, -16.0010, -1.8650

Conversions

Conversions Part 2

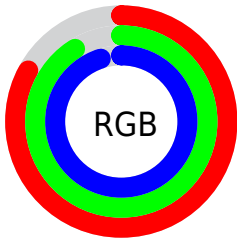
Format	Color
R _Y B	211, 224, 242
Decimal	13887986
CIE Lab	91.02, -5.46, -6.83
CIE LCh	91, 8.743, 231.384
Yxy	78.5375, 0.2929, 0.3193
Android (android.graphics.Color)	4292078066 (0xFFD3E9F2)
YUV	227.4480, 7.1741, -14.4249
Hunter-Lab	88.6214, -10.0058, -1.7682

Details

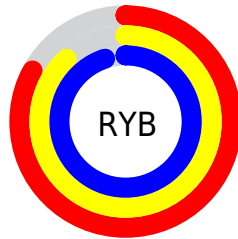
The XYZ color **72.0299, 78.5375, 95.3673** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.9695, 74.7666, 72.1623**, and the grayscale version is **73.2994, 77.1167, 83.9801**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2954, 42.0574, 52.5539** is the 20% darker color. If you saturate the color by 10%, you get **63.6637, 71.3335, 94.4190**, and if you desaturate by 10%, it is **81.5235, 86.4444, 96.3944**.

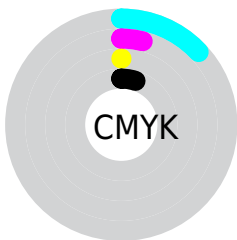
Distribution



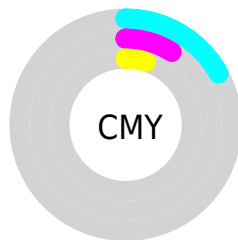
- Red (83%)
- Green (91%)
- Blue (95%)



- Red (83%)
- Yellow (88%)
- Blue (95%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (17%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0299, 78.5375, 95.3673 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 72.0299, 78.5375, 95.3673 by changing the saturation by 10% instead.

■ 72.0299, 78.5375,
95.3673

■ 72.0299, 78.5375,
95.3673

456.8017,
489.9903, 566.3545

■ 53.4687, 58.5156,
71.8421

121.1096,
131.3076, 156.7719

■ 38.4060, 42.2233,
52.5437

152.3588,
164.8245, 195.4884

■ 26.4766, 29.2762,
37.0534

188.5680,
203.6086, 240.1058

■ 17.3151, 19.2899,
24.9527

230.1025,
248.0443, 291.0426

■ 10.5561, 11.8799,
15.8231

277.3278,
298.5159, 348.7173

■ 5.8343, 6.6620,
9.2461

330.6092,

■ 2.7843, 3.2516,

355.4079, 413.5485

4.8030

390.3121,
419.1045, 485.9547

■ 1.0407, 1.2645,
2.0755

■ 0.0000, 0.1134,
0.6011

■ 72.0299, 78.5375,
95.3673

■ 72.0299, 78.5375,
95.3673

■ 63.6637, 71.3335,
94.4190

■ 81.5235, 86.4444,
96.3944

■ 56.3708, 64.7968,
93.5416

■ 90.5438, 94.2241,
97.4206

■ 50.1023, 58.9030,
92.7344

■ 92.7329, 98.6022,
98.1502

■ 44.8031, 53.6222,
91.9944

■ 93.0273, 99.1909,
98.2484

■ 40.4124, 48.9217,
91.3185

■ 36.8620, 44.7650,
90.7033

■ 34.0735, 41.1100,
90.1448

■ 31.9519, 37.9063,
89.6383

■ 30.7357, 35.8278,
89.3012

Harmonies

Analogous

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



70.7648, 78.5375, 90.0229



72.0299, 78.5375, 95.3673



74.0135, 78.5375, 98.1038

Triad

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



72.0299, 78.5375, 95.3673



78.9230, 78.5375, 87.3480



73.1107, 78.5375, 74.6876

Complementary

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



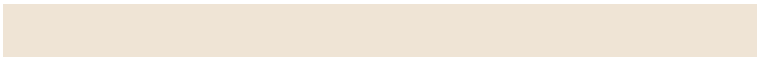
72.0299, 78.5375, 95.3673



73.9695, 74.7666, 72.1623

Split Complementary

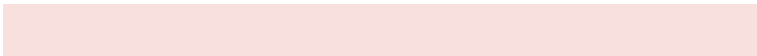
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.2852, 78.5375, 74.0502



72.0299, 78.5375, 95.3673



78.6698, 78.5375, 81.1582

Square

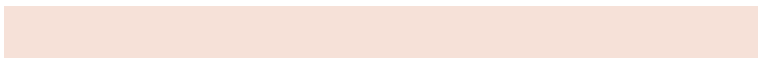
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



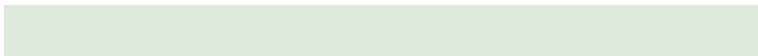
72.0299, 78.5375, 95.3673



78.0131, 78.5375, 93.3266



77.3278, 78.5375, 76.3639



71.3802, 78.5375, 78.1500

Rectangle

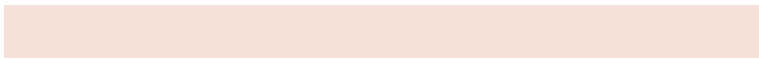
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.0299, 78.5375, 95.3673



75.4884, 78.5375, 97.9921



77.3278, 78.5375, 76.3639



73.8129, 78.5375, 74.1428

Sweetspot

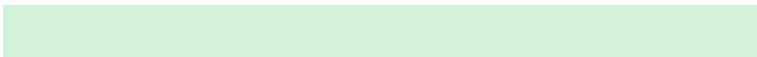
The Sweet Spot groups the original color and five complimentary colors.



72.0322, 78.5408, 95.3691



90.4593, 96.2423, 108.4166



71.5071, 82.5104, 79.7185



19.1823, 20.4517, 23.1865



0.0000, 0.0000, 0.0000



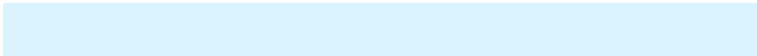
20.3446, 21.4041, 23.3091

Same Dimension

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



72.0322, 78.5408, 95.3691



78.9113, 86.5741, 107.1591



67.8904, 70.2572, 93.9885



15.8373, 17.1088, 20.1892



16.6345, 19.4933, 48.0137



1.4690, 1.7919, 4.0227

Inverse Universe

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



74.6220, 71.3506, 86.9336



82.3023, 77.2824, 96.0869



78.1667, 83.1608, 73.5613



16.2473, 15.9486, 18.8587



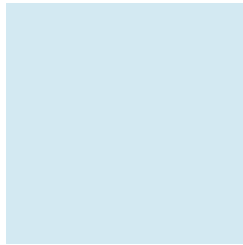
23.7220, 11.7612, 22.2503



2.0164, 0.9956, 2.0772

Previews

White Background



This preview shows how the XYZ color 72.0299, 78.5375, 95.3673 looks on a white background.

Color Contrast Check

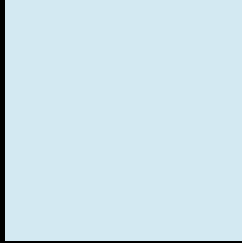
Large Text (above 18pt) WCAG AA × Fail

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 72.0299, 78.5375, 95.3673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

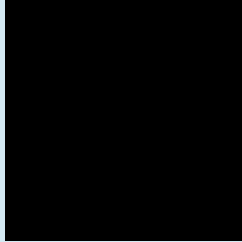
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

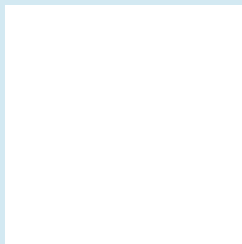
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.0299, 78.5375, 95.3673

Background



This preview shows how black text looks on a background with the XYZ color 72.0299, 78.5375, 95.3673.

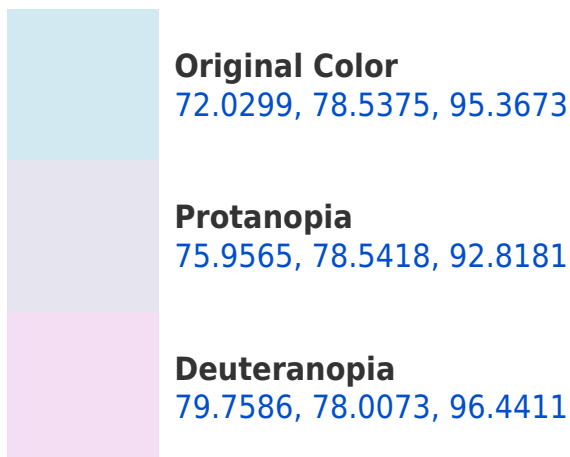


This preview shows how white text looks on a background with the XYZ color 72.0299, 78.5375,

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

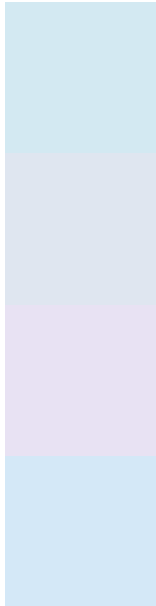




Tritanopia

73.2633, 78.6124, 101.7548

Trichromacy



Original Color

72.0299, 78.5375, 95.3673

Protanomaly

74.4564, 78.5729, 93.6799

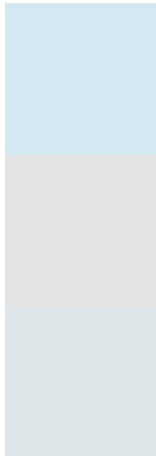
Deuteranomaly

76.6527, 78.0196, 95.8133

Tritanomaly

72.7965, 78.4257, 99.2966

Monochromacy



Original Color

72.0299, 78.5375, 95.3673

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.4036, 77.2370, 87.4361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0299, 78.5375, 95.3673 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(211, 233, 242)` looks like.

```
.text, #text, p{  
    color:rgb(211, 233, 242)  
}
```

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(211, 233, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 233, 242) }
```

Border

The CSS property to change the border of an element to XYZ 72.0299, 78.5375, 95.3673 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(211, 233, 242) }
```


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

```
.border{ border-color:rgb(211, 233, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 233, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 233, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 233, 242);  
box-shadow:4px 4px 4px 4px rgb(211, 233,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0299, 78.5375, 95.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 233, 242) }
```

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

```
.background{ background-color: rgb(211,  
233, 242) }
```

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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