

Converting Colors

XYZ(73.0282, 79.1778, 96.4539)

Have a look what the booklet for
XYZ(73.0282, 79.1778, 96.4539)
contains.

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Color

**XYZ(72.7571, 78.8950,
96.1876)**

Conversions

Conversions Part 1

Format	Color
Hex	D5E9F3
RGB	213, 233, 243
RGB Percent	84%, 91%, 95%
CMY	0.1647, 0.0863, 0.0471
CMYK	0.12, 0.04, 0.00, 0.05
HSL	200°, 56%, 89%
HSV	200°, 12%, 95%
XYZ	72.7571, 78.8950, 96.1876
YIQ	228.1600, -15.1300, -1.1300

Conversions

Conversions Part 2

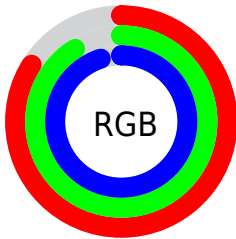
Format	Color
R _Y B	213, 225, 243
Decimal	14019059
CIE Lab	91.19, -4.63, -7.10
CIE LCh	91, 8.473, 236.907
Yxy	78.8950, 0.2936, 0.3183
Android (android.graphics.Color)	4292209139 (0xFFD5E9F3)
YUV	228.1600, 7.3161, -13.2953
Hunter-Lab	88.8229, -9.2260, -2.0300

Details

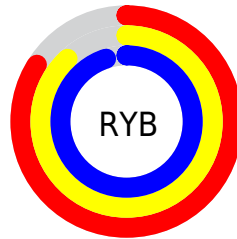
The XYZ color **72.7571, 78.8950, 96.1876** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.3605, 76.6337, 73.7720**, and the grayscale version is **73.8178, 77.6621, 84.5740**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7923, 42.3012, 53.1341** is the 20% darker color. If you saturate the color by 10%, you get **63.9905, 71.0524, 95.1371**, and if you desaturate by 10%, it is **82.6896, 87.4990, 97.3261**.

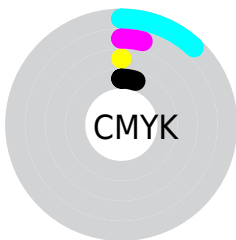
Distribution



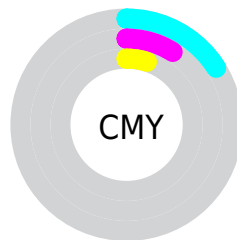
- Red (84%)
- Green (91%)
- Blue (95%)



- Red (84%)
- Yellow (88%)
- Blue (95%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (16%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.7571, 78.8950, 96.1876 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 72.7571, 78.8950, 96.1876 by changing the saturation by 10% instead.

■ 72.7571, 78.8950,
96.1876

■ 72.7571, 78.8950,
96.1876

459.2894,
491.2011, 569.0412

■ 54.0650, 58.8095,
72.5215

122.1373,
131.8110, 157.9140

■ 38.8845, 42.4598,
53.0953

153.5562,
165.4103, 196.8113

■ 26.8502, 29.4615,
37.4906

189.9480,
204.2830, 241.6228

■ 17.5968, 19.4302,
25.2888

231.6782,
248.8135, 292.7669

■ 10.7588, 11.9815,
16.0714

279.1121,
299.3861, 350.6623

■ 5.9710, 6.7311,
9.4198

332.6150,

■ 2.8679, 3.2945,

356.3854, 415.7274

4.9155

392.5523,
420.1955, 488.3809

■ 1.0843, 1.2874,
2.1399

■ 0.0119, 0.1314,
0.6394

■ 72.7571, 78.8950,
96.1876

■ 72.7571, 78.8950,
96.1876

■ 63.9905, 71.0524,
95.1371

■ 82.6896, 87.4990,
97.3261

■ 56.3348, 63.9345,
94.1667

■ 91.3554, 95.6061,
98.4342

■ 49.7403, 57.5157,
93.2753

■ 93.1779, 99.2512,
99.0417

■ 44.1511, 51.7649,
92.4599

■ 39.5055, 46.6482,
91.7171

■ 35.7345, 42.1277,
91.0433

■ 32.7589, 38.1603,
90.4344

■ 30.4832, 34.6945,
89.8854

■ 29.1032, 32.3217,
89.5001

Harmonies

Analogous

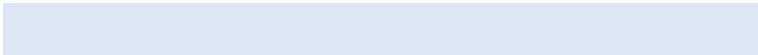
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.3680, 78.8950, 91.3621



72.7571, 78.8950, 96.1876



74.7649, 78.8950, 98.2505

Triad

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



72.7571, 78.8950, 96.1876



79.1830, 78.8950, 86.5425



73.1357, 78.8950, 75.7913

Complementary

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



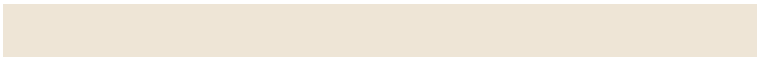
72.7571, 78.8950, 96.1876



75.3605, 76.6337, 73.7720

Split Complementary

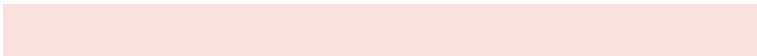
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.2102, 78.8950, 74.6364



72.7571, 78.8950, 96.1876



78.7270, 78.8950, 80.6662

Square

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



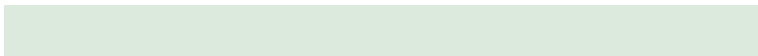
72.7571, 78.8950, 96.1876



78.4972, 78.8950, 92.5177



77.2627, 78.8950, 76.3794



71.5836, 78.8950, 79.6118

Rectangle

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



72.7571, 78.8950, 96.1876



76.1936, 78.8950, 97.7118



77.2627, 78.8950, 76.3794



73.7939, 78.8950, 75.0866

Sweetspot

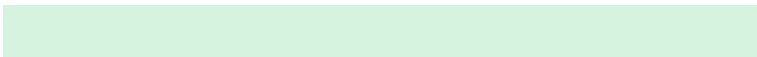
The Sweet Spot groups the original color and five complimentary colors.



72.7594, 78.8983, 96.1894



90.3217, 95.9671, 108.3708



72.7444, 83.5495, 81.7531



19.1474, 20.3819, 23.1749



0.0000, 0.0000, 0.0000



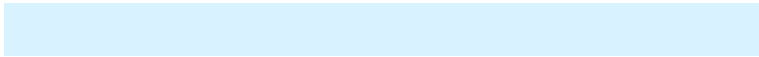
20.3446, 21.4041, 23.3091

Same Dimension

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



72.7594, 78.8983, 96.1894



78.4189, 85.5892, 106.9950



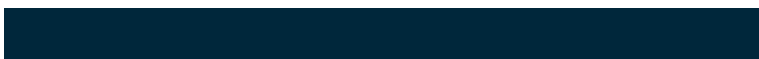
68.8208, 71.0211, 94.8765



16.5044, 17.7730, 21.1032



16.1017, 17.9971, 49.1632



1.5094, 1.7702, 4.3524

Inverse Universe

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



75.4662, 72.5280, 87.1164



82.0537, 77.1830, 94.7779



79.4028, 84.7185, 75.1194



16.9652, 16.6689, 19.5631



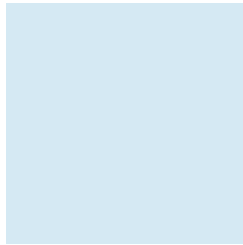
23.9319, 11.9162, 20.1475



2.1509, 1.0663, 2.0212

Previews

White Background



This preview shows how the XYZ color 72.7571, 78.8950, 96.1876 looks on a white background.

Color Contrast Check

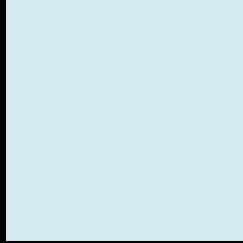
Large Text (above 18pt) WCAG AA × Fail

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 72.7571, 78.8950, 96.1876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

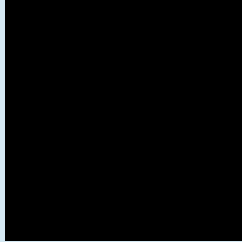
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

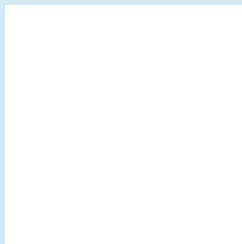
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.7571, 78.8950, 96.1876

Background



This preview shows how black text looks on a background with the XYZ color 72.7571, 78.8950, 96.1876.

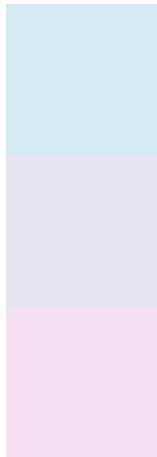


This preview shows how white text looks on a background with the XYZ color 72.7571, 78.8950,

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

72.7571, 78.8950, 96.1876

Protanopia

76.1047, 78.6011, 93.5985

Deuteranopia

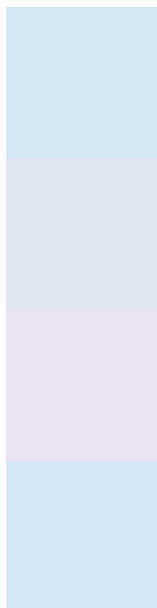
80.5253, 78.7804, 97.3482



Tritanopia

73.8435, 78.9115, 101.7820

Trichromacy



Original Color

72.7571, 78.8950, 96.1876

Protanomaly

74.9145, 78.7918, 94.4790

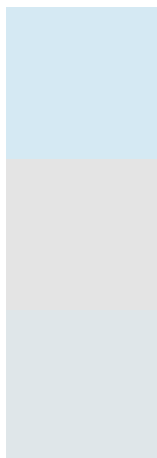
Deuteranomaly

77.4025, 78.7935, 96.7171

Tritanomaly

73.3767, 78.7248, 99.3237

Monochromacy



Original Color

72.7571, 78.8950, 96.1876

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.4362, 78.1648, 88.3076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7571, 78.8950, 96.1876 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(213, 233, 243)` looks like.

```
.text, #text, p{  
    color:rgb(213, 233, 243)  
}
```

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(213, 233, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 233, 243) }
```

Border

The CSS property to change the border of an element to XYZ 72.7571, 78.8950, 96.1876 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(213, 233, 243) }
```


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

```
.border{ border-color:rgb(213, 233, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 233, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 233, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 233, 243);  
box-shadow:4px 4px 4px 4px rgb(213, 233,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7571, 78.8950, 96.1876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 233, 243) }
```

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

```
.background{ background-color: rgb(213,  
233, 243) }
```

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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