

Converting Colors

XYZ(72.5240, 79.1989, 99.1457)

Have a look what the booklet for
XYZ(72.5240, 79.1989, 99.1457)
contains.

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Color

**XYZ(72.5058, 79.1163,
99.4452)**

Conversions

Conversions Part 1

Format	Color
Hex	D1EAF7
RGB	209, 234, 247
RGB Percent	82%, 92%, 97%
CMY	0.1804, 0.0823, 0.0314
CMYK	0.15, 0.05, 0.00, 0.03
HSL	201°, 70%, 89%
HSV	201°, 15%, 97%
XYZ	72.5058, 79.1163, 99.4452
YIQ	228.0070, -19.0730, -1.2570

Conversions

Conversions Part 2

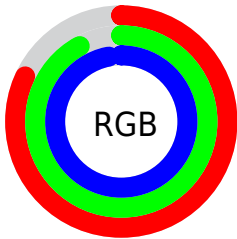
Format	Color
R _{YB}	209, 224, 247
Decimal	13757175
CIE _{Lab}	91.29, -5.59, -9.07
CIE _{LCh}	91, 10.651, 238.371
Y _{xy}	79.1163, 0.2888, 0.3151
Android (android.graphics.Color)	4291947255 (0xFFD1EAF7)
YUV	228.0070, 9.3635, -16.6691
Hunter-Lab	88.9473, -10.1528, -4.0245

Details

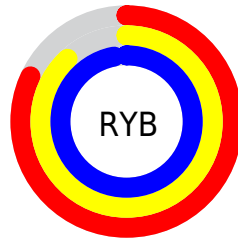
The XYZ color **72.5058, 79.1163, 99.4452** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.9883, 76.6201, 71.1073**, and the grayscale version is **73.6935, 77.5313, 84.4316**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6508, 42.4724, 55.4511** is the 20% darker color. If you saturate the color by 10%, you get **63.7044, 71.0952, 98.3621**, and if you desaturate by 10%, it is **82.5100, 87.9319, 100.6208**.

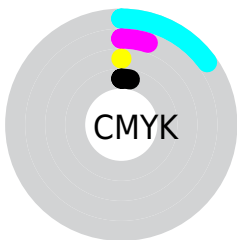
Distribution



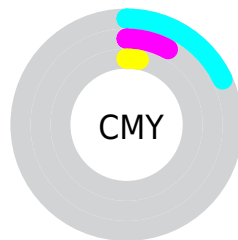
- Red (82%)
- Green (92%)
- Blue (97%)



- Red (82%)
- Yellow (88%)
- Blue (97%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (3%)



- Cyan (18%)
- Magenta (8%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5058, 79.1163, 99.4452 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 72.5058, 79.1163, 99.4452 by changing the saturation by 10% instead.

■ 72.5058, 79.1163,
99.4452

■ 72.5058, 79.1163,
99.4452

458.4306,
491.9497, 579.6439

■ 53.8589, 58.9914,
75.2230

121.7823,
132.1226, 162.4398

■ 38.7191, 42.6062,
55.2928

153.1426,
165.7728, 202.0492

■ 26.7210, 29.5763,
39.2360

189.4714,
204.7002, 247.6248

■ 17.4993, 19.5172,
26.6341

231.1341,
249.2893, 299.5851

■ 10.6886, 12.0446,
17.0686

278.4960,
299.9244, 358.3486

■ 5.9236, 6.7740,
10.1209

331.9224,

■ 2.8389, 3.3212,

356.9899, 424.3339

5.3726

391.7789,
420.8702, 497.9595

■ 1.0692, 1.3016,
2.4049

■ 0.0000, 0.1425,
0.7891

■ 72.5058, 79.1163,
99.4452

■ 72.5058, 79.1163,
99.4452

■ 63.7044, 71.0952,
98.3621

■ 82.5100, 87.9319,
100.6208

■ 56.0474, 63.8299,
97.3633

■ 92.4950, 96.9081,
101.8271

■ 49.4819, 57.2928,
96.4476

■ 93.7887, 99.4955,
102.2583

■ 43.9478, 51.4505,
95.6116

■ 39.3787, 46.2663,
94.8518

■ 35.6998, 41.6989,
94.1641

■ 32.8242, 37.7011,
93.5440

■ 30.6449, 34.2149,
92.9859

■ 29.8010, 32.7400,
92.7457

Harmonies

Analogous

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



70.7181, 79.1163, 93.4101



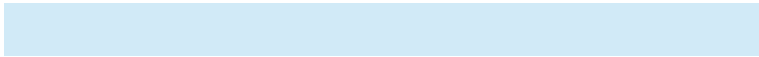
72.5058, 79.1163, 99.4452



75.0501, 79.1163, 101.8906

Triad

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



72.5058, 79.1163, 99.4452



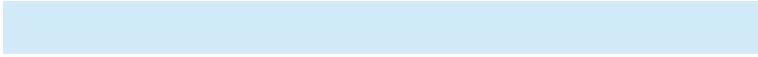
80.5117, 79.1163, 86.5678



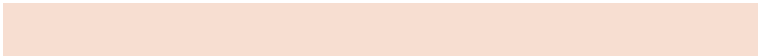
72.7557, 79.1163, 73.7037

Complementary

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



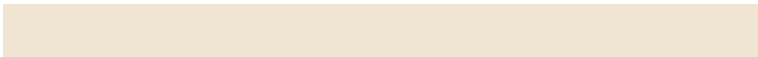
72.5058, 79.1163, 99.4452



75.9883, 76.6201, 71.1073

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.



75.3454, 79.1163, 72.1099



72.5058, 79.1163, 99.4452



79.8625, 79.1163, 79.2652

Square

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



72.5058, 79.1163, 99.4452



79.7089, 79.1163, 94.1854



77.9554, 79.1163, 74.0855



70.8600, 79.1163, 78.5743

Rectangle

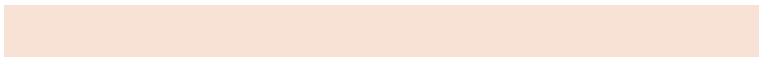
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.5058, 79.1163, 99.4452



76.8471, 79.1163, 101.0514



77.9554, 79.1163, 74.0855



73.5720, 79.1163, 72.7803

Sweetspot

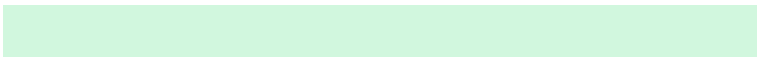
The Sweet Spot groups the original color and five complimentary colors.



72.5081, 79.1196, 99.4470



89.1384, 94.9106, 108.2292



72.6969, 85.3343, 81.5144



18.9073, 20.1655, 23.1458



0.0000, 0.0000, 0.0000



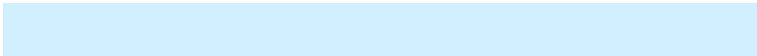
20.3446, 21.4041, 23.3091

Same Dimension

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



72.5081, 79.1196, 99.4470



75.3275, 82.6993, 106.6001



67.4699, 69.0431, 97.7676



16.4916, 17.7476, 21.0990



15.8977, 17.5893, 49.0952



1.4925, 1.7364, 4.3467

Inverse Universe

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



76.0114, 71.3173, 87.6050



79.6895, 73.1598, 91.8159



81.2245, 87.0924, 72.8527



16.9587, 16.6663, 19.5293



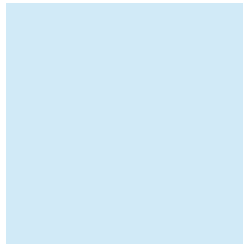
23.8290, 11.8750, 19.6055



2.1424, 1.0629, 1.9763

Previews

White Background



This preview shows how the XYZ color 72.5058, 79.1163, 99.4452 looks on a white background.

Color Contrast Check

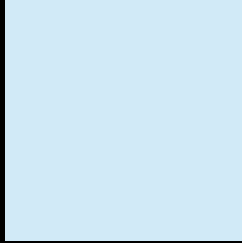
Large Text (above 18pt) WCAG AA × Fail

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 72.5058, 79.1163, 99.4452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

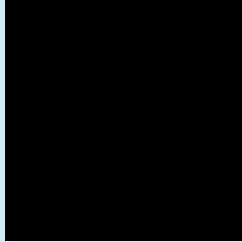
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

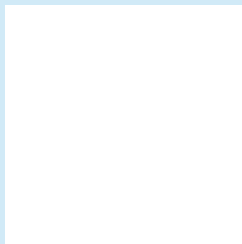
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.5058, 79.1163, 99.4452

Background



This preview shows how black text looks on a background with the XYZ color 72.5058, 79.1163, 99.4452.



This preview shows how white text looks on a background with the XYZ color 72.5058, 79.1163,

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

72.5058, 79.1163, 99.4452

Protanopia

76.7057, 78.8415, 96.7631

Deuteranopia

80.4487, 78.6696, 100.5672



Tritanopia

73.2879, 79.0077, 103.4828

Trichromacy



Original Color

72.5058, 79.1163, 99.4452

Protanomaly

74.9024, 78.7158, 97.6321

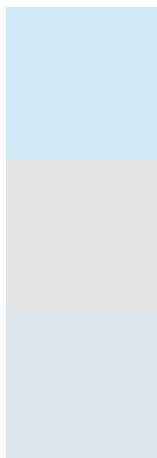
Deuteranomaly

77.3674, 78.7044, 99.9207

Tritanomaly

72.9726, 78.8816, 101.8221

Monochromacy



Original Color

72.5058, 79.1163, 99.4452

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.1110, 77.9639, 89.7924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5058, 79.1163, 99.4452 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(209, 234, 247)` looks like.

```
.text, #text, p{  
    color:rgb(209, 234, 247)  
}
```

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(209, 234, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 234, 247) }
```

Border

The CSS property to change the border of an element to XYZ 72.5058, 79.1163, 99.4452 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(209, 234, 247) }
```


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

```
.border{ border-color:rgb(209, 234, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 234, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 234, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 234, 247);  
box-shadow:4px 4px 4px 4px rgb(209, 234,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5058, 79.1163, 99.4452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 234, 247) }
```

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

```
.background{ background-color: rgb(209,  
234, 247) }
```

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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