

Converting Colors

XYZ(72.6516, 79.6815, 93.2135)

Have a look what the booklet for
XYZ(72.6516, 79.6815, 93.2135)
contains.

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Color

**XYZ(72.7289, 79.7948,
93.2301)**

Conversions

Conversions Part 1

Format	Color
Hex	D5EBEF
RGB	213, 235, 239
RGB Percent	84%, 92%, 94%
CMY	0.1647, 0.0784, 0.0627
CMYK	0.11, 0.02, 0.00, 0.06
HSL	189°, 45%, 89%
HSV	189°, 11%, 94%
XYZ	72.7289, 79.7948, 93.2301
YIQ	228.8780, -14.3960, -3.4200

Conversions

Conversions Part 2

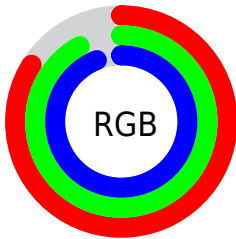
Format	Color
R _Y B	213, 225, 239
Decimal	14019567
CIE Lab	91.59, -6.44, -4.41
CIE LCh	92, 7.802, 214.431
Yxy	79.7948, 0.2959, 0.3247
Android (android.graphics.Color)	4292209647 (0xFFD5EBEF)
YUV	228.8780, 4.9901, -13.9250
Hunter-Lab	89.3279, -10.9930, 0.6496

Details

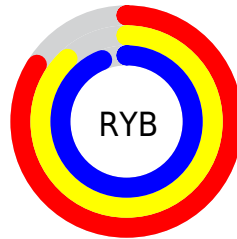
The XYZ color **72.7289, 79.7948, 93.2301** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.4202, 72.7802, 73.1832**, and the grayscale version is **74.3605, 78.2330, 85.1957**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7679, 42.9282, 51.0424** is the 20% darker color. If you saturate the color by 10%, you get **65.2605, 74.4014, 92.5840**, and if you desaturate by 10%, it is **81.2452, 85.7650, 93.9348**.

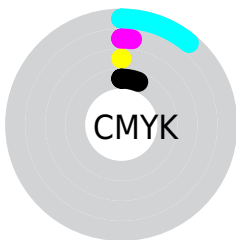
Distribution



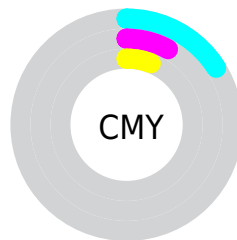
- Red (84%)
- Green (92%)
- Blue (94%)



- Red (84%)
- Yellow (88%)
- Blue (94%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (6%)



- Cyan (16%)
- Magenta (8%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.7289, 79.7948, 93.2301 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 72.7289, 79.7948, 93.2301 by changing the saturation by 10% instead.

■ 72.7289, 79.7948,
93.2301

■ 72.7289, 79.7948,
93.2301

459.1930,
494.2410, 559.3221

■ 54.0419, 59.5495,
70.0740

122.0975,
133.0772, 153.7916

■ 38.8660, 43.0556,
51.1097

153.5098,
166.8831, 192.0341

■ 26.8357, 29.9288,
35.9186

189.8945,
205.9780, 236.1426

■ 17.5858, 19.7845,
24.0821

231.6172,
250.7462, 286.5354

■ 10.7509, 12.2385,
15.1818

279.0430,
301.5723, 343.6313

■ 5.9657, 6.9063,
8.7990

332.5373,

■ 2.8647, 3.4036,

358.8405, 407.8486

4.5153

392.4655,
422.9353, 479.6061

■ 1.0826, 1.3459,
1.9121

■ 0.0105, 0.1763,
0.5004

■ 72.7289, 79.7948,
93.2301

■ 72.7289, 79.7948,
93.2301

■ 65.2605, 74.4014,
92.5840

■ 81.2452, 85.7650,
93.9348

■ 58.7886, 69.5516,
91.9890

■ 88.6775, 91.2065,
94.5935

■ 53.2674, 65.2239,
91.4446

■ 89.7841, 93.4198,
94.9623

■ 48.6450, 61.3911,
90.9484

■ 90.9128, 95.6772,
95.3386

■ 44.8645, 58.0238,
90.4977

■ 92.0637, 97.9791,
95.7222

■ 41.8621, 55.0889,
90.0895

■ 92.5802, 99.0121,
95.8944

■ 39.5648, 52.5487,
89.7203

■ 37.8854, 50.3577,
89.3859

■ 36.7627, 48.5970,
89.1052

Harmonies

Analogous

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



72.0898, 79.7948, 87.7327



72.7289, 79.7948, 93.2301



74.2024, 79.7948, 97.1521

Triad

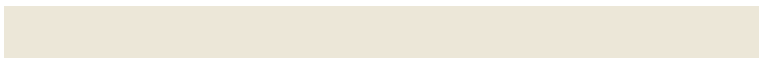
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7289, 79.7948, 93.2301



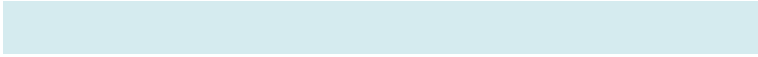
79.3483, 79.7948, 91.7009



75.5472, 79.7948, 76.4049

Complementary

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



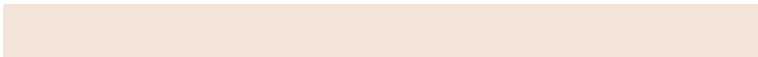
72.7289, 79.7948, 93.2301



72.4202, 72.7802, 73.1832

Split Complementary

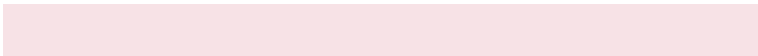
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.5067, 79.7948, 77.3642



72.7289, 79.7948, 93.2301



79.7234, 79.7948, 86.0387

Square

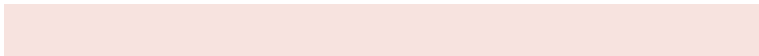
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.7289, 79.7948, 93.2301



78.0276, 79.7948, 96.2425



79.0439, 79.7948, 80.8307



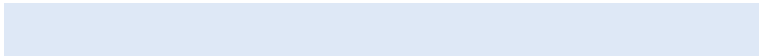
73.6987, 79.7948, 78.1508

Rectangle

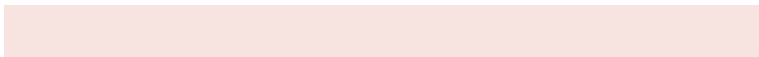
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



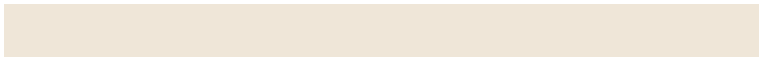
72.7289, 79.7948, 93.2301



75.4717, 79.7948, 98.2572



79.0439, 79.7948, 80.8307



76.2146, 79.7948, 76.4223

Sweetspot

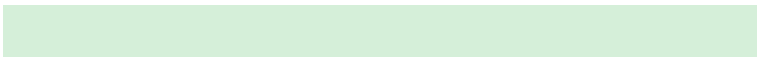
The Sweet Spot groups the original color and five complimentary colors.



72.7312, 79.7981, 93.2319



91.9173, 97.8299, 108.6462



70.8198, 80.8851, 77.4586



19.4990, 20.8177, 23.2405



0.0000, 0.0000, 0.0000



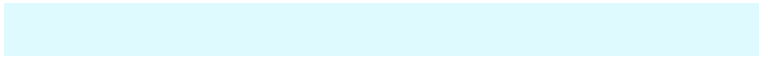
20.3446, 21.4041, 23.3091

Same Dimension

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



72.7312, 79.7981, 93.2319



82.2842, 91.0377, 107.8429



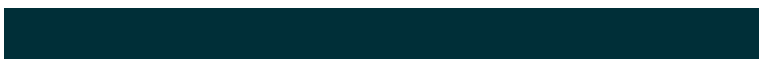
69.1698, 72.6752, 92.0447



16.0283, 17.4908, 20.2529



20.3942, 27.0127, 49.2669



1.7519, 2.3579, 4.1170

Inverse Universe

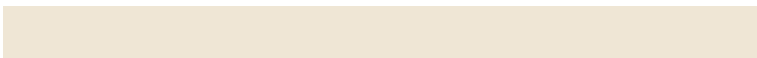
The Inverse Universe completely reimagines the original color for something new.



74.3881, 71.9390, 88.5661



84.5618, 80.3190, 101.4101



75.8772, 79.6942, 74.3355



16.3437, 15.9872, 19.3664



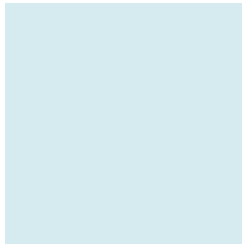
25.6197, 12.5203, 32.2434



2.1592, 1.0527, 2.8294

Previews

White Background



This preview shows how the XYZ color 72.7289, 79.7948, 93.2301 looks on a white background.

Color Contrast Check

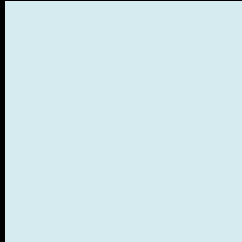
Large Text (above 18pt) WCAG AA × Fail

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 72.7289, 79.7948, 93.2301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

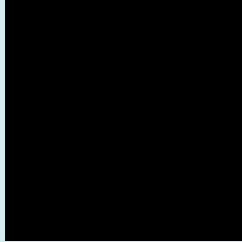
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.7289, 79.7948, 93.2301

Background



This preview shows how black text looks on a background with the XYZ color 72.7289, 79.7948, 93.2301.

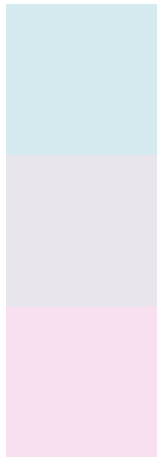


This preview shows how white text looks on a background with the XYZ color 72.7289, 79.7948,

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

72.7289, 79.7948, 93.2301

Protanopia

76.7639, 79.4184, 90.6403

Deuteranopia

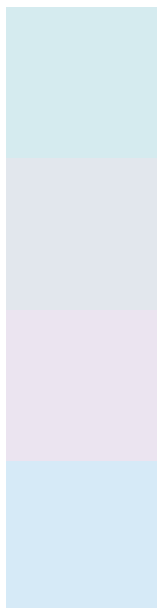
81.2442, 79.6186, 94.3050



Tritanopia

74.7339, 79.7532, 103.5505

Trichromacy



Original Color

72.7289, 79.7948, 93.2301

Protanomaly

75.2260, 79.4350, 91.4884

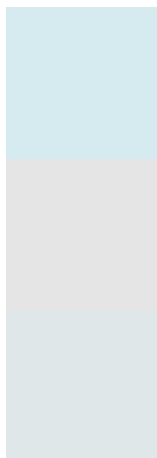
Deuteranomaly

77.7325, 79.4402, 93.6746

Tritanomaly

73.9429, 79.8572, 99.5125

Monochromacy



Original Color

72.7289, 79.7948, 93.2301

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.7153, 78.7230, 88.4006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7289, 79.7948, 93.2301 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, 235, 239)` looks like.

```
.text, #text, p{  
    color:rgb(213, 235, 239)  
}
```

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, 235, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 235, 239) }
```

Border

The CSS property to change the border of an element to XYZ 72.7289, 79.7948, 93.2301 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, 235, 239) }
```


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

```
.border{ border-color:rgb(213, 235, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 235, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 235, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 235, 239);  
box-shadow:4px 4px 4px 4px rgb(213, 235,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7289, 79.7948, 93.2301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 235, 239) }
```

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

```
.background{ background-color: rgb(213,  
235, 239) }
```

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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