

Converting Colors

XYZ(73.6966, 79.4419, 96.1305)

Have a look what the booklet for
XYZ(73.6966, 79.4419, 96.1305)
contains.

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Color

**XYZ(73.6355, 79.3478,
96.2287)**

Conversions

Conversions Part 1

Format	Color
Hex	D8E9F3
RGB	216, 233, 243
RGB Percent	85%, 91%, 95%
CMY	0.1529, 0.0863, 0.0471
CMYK	0.11, 0.04, 0.00, 0.05
HSL	202°, 53%, 90%
HSV	202°, 11%, 95%
XYZ	73.6355, 79.3478, 96.2287
YIQ	229.0570, -13.3420, -0.4940

Conversions

Conversions Part 2

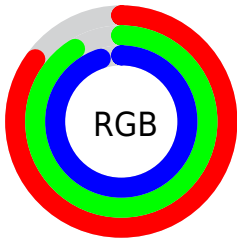
Format	Color
R _Y B	216, 226, 243
Decimal	14215667
CIE Lab	91.39, -3.68, -6.77
CIE LCh	91, 7.706, 241.515
Yxy	79.3478, 0.2955, 0.3184
Android (android.graphics.Color)	4292405747 (0xFFD8E9F3)
YUV	229.0570, 6.8739, -11.4510
Hunter-Lab	89.0774, -8.3290, -1.6958

Details

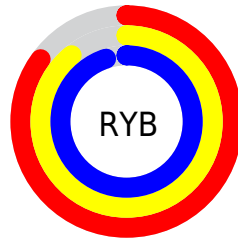
The XYZ color **73.6355, 79.3478, 96.2287** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.5537, 78.4050, 76.0661**, and the grayscale version is **74.4781, 78.3567, 85.3305**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3897, 42.6092, 53.1620** is the 20% darker color. If you saturate the color by 10%, you get **64.4985, 70.9543, 95.0914**, and if you desaturate by 10%, it is **83.9686, 88.5550, 97.4625**.

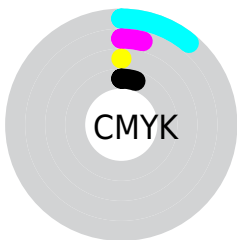
Distribution



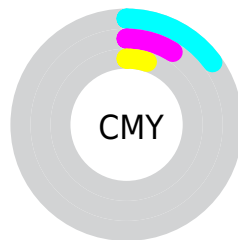
- Red (85%)
- Green (91%)
- Blue (95%)



- Red (85%)
- Yellow (89%)
- Blue (95%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6355, 79.3478, 96.2287 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 73.6355, 79.3478, 96.2287 by changing the saturation by 10% instead.

■ 73.6355, 79.3478,
96.2287

■ 73.6355, 79.3478,
96.2287

462.2842,
492.7322, 569.1756

■ 54.7860, 59.1818,
72.5555

123.3772,
132.4484, 157.9712

■ 39.4636, 42.7595,
53.1230

155.0002,
166.1518, 196.8775

■ 27.3029, 29.6965,
37.5126

191.6116,
205.1364, 241.6987

■ 17.9386, 19.6083,
25.3057

233.5770,
249.7867, 292.8532

■ 11.0053, 12.1106,
16.0839

281.2615,
300.4870, 350.7596

■ 6.1377, 6.8191,
9.4285

335.0307,

■ 2.9705, 3.3492,

357.6218, 415.8365

4.9211

395.2498,
421.5753, 488.5023

■ 1.1382, 1.3166,
2.1431

■ 0.0567, 0.1540,
0.6413

■ 73.6355, 79.3478,
96.2287

■ 73.6355, 79.3478,
96.2287

■ 64.4985, 70.9543,
95.0914

■ 83.9686, 88.5550,
97.4625

■ 56.5025, 63.3368,
94.0425

■ 91.9149, 96.7251,
98.6207

■ 49.5978, 56.4690,
93.0808

■ 93.1779, 99.2512,
99.0417

■ 43.7284, 50.3190,
92.2031

■ 38.8329, 44.8521,
91.4059

■ 34.8428, 40.0298,
90.6854

■ 31.6796, 35.8085,
90.0373

■ 29.2498, 32.1367,
89.4567

■ 27.5740, 29.2634,
88.9904

Harmonies

Analogous

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



72.2520, 79.3478, 92.1585



73.6355, 79.3478, 96.2287



75.5173, 79.3478, 97.6347

Triad

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



73.6355, 79.3478, 96.2287



79.2460, 79.3478, 86.1115



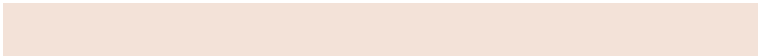
73.4659, 79.3478, 77.5225

Complementary

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



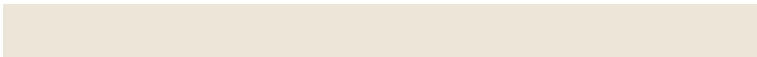
73.6355, 79.3478, 96.2287



76.5537, 78.4050, 76.0661

Split Complementary

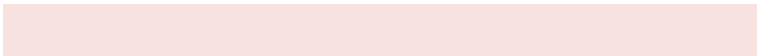
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.3182, 79.3478, 76.0552



73.6355, 79.3478, 96.2287



78.6746, 79.3478, 80.8794

Square

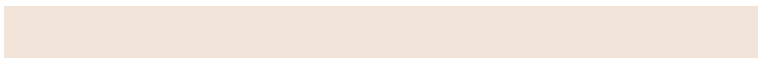
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



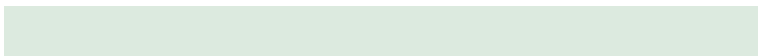
73.6355, 79.3478, 96.2287



78.7770, 79.3478, 91.6439



77.2284, 79.3478, 77.2575



72.1553, 79.3478, 81.3529

Rectangle

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



73.6355, 79.3478, 96.2287



76.8075, 79.3478, 96.8255



77.2284, 79.3478, 77.2575



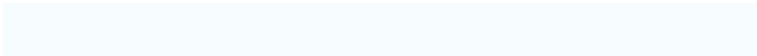
74.0448, 79.3478, 76.7441

Sweetspot

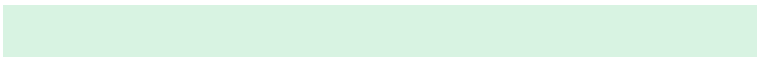
The Sweet Spot groups the original color and five complimentary colors.



73.6378, 79.3511, 96.2305



91.3944, 96.7840, 108.4719



74.0847, 84.1870, 84.2261



19.3575, 20.5348, 23.1933



0.0000, 0.0000, 0.0000



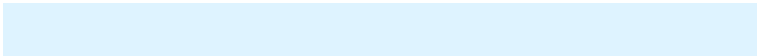
20.3446, 21.4041, 23.3091

Same Dimension

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



73.6378, 79.3511, 96.2305



80.0970, 86.6633, 107.1139



69.9864, 72.0482, 95.0133



16.4509, 17.6662, 21.0854



15.2667, 16.3273, 48.8849



1.4399, 1.6312, 4.3292

Inverse Universe

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



76.2278, 74.0513, 87.3703



83.4578, 79.8774, 95.5966



80.3419, 85.9814, 77.3289



16.9382, 16.6581, 19.4211



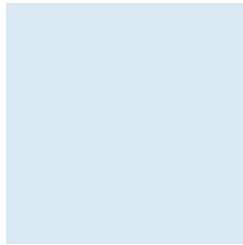
23.5105, 11.7476, 17.9283



2.1159, 1.0523, 1.8365

Previews

White Background



This preview shows how the XYZ color 73.6355, 79.3478, 96.2287 looks on a white background.

Color Contrast Check

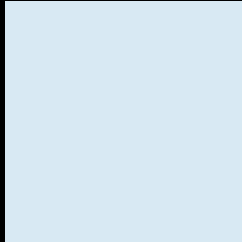
Large Text (above 18pt) WCAG AA × Fail

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 73.6355, 79.3478, 96.2287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

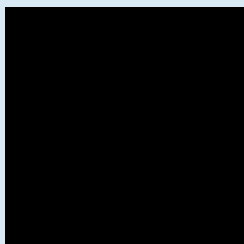
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

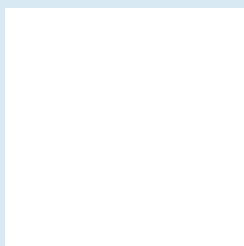
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.6355, 79.3478, 96.2287

Background



This preview shows how black text looks on a background with the XYZ color 73.6355, 79.3478, 96.2287.

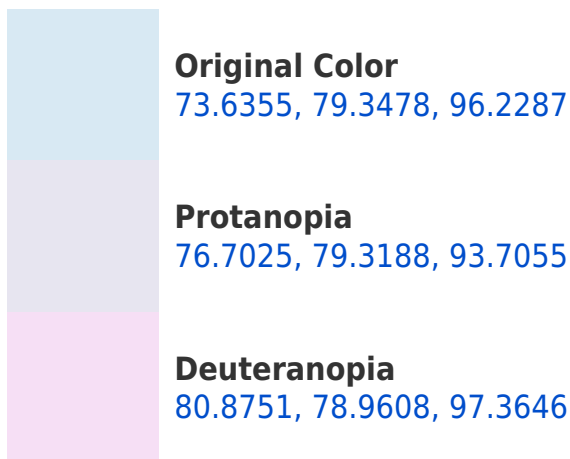


This preview shows how white text looks on a background with the XYZ color 73.6355, 79.3478,

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

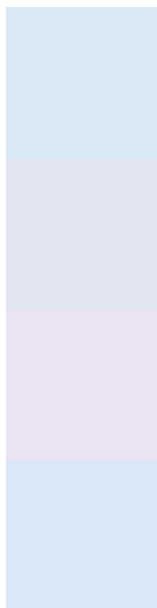




Tritanopia

74.7272, 79.3671, 101.8233

Trichromacy



Original Color

73.6355, 79.3478, 96.2287

Protanomaly

75.5380, 79.1133, 94.5082

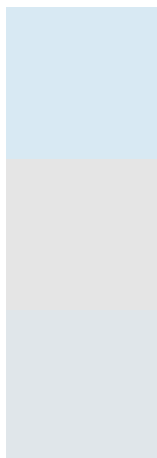
Deuteranomaly

78.0592, 79.1320, 96.7478

Tritanomaly

74.2604, 79.1803, 99.3651

Monochromacy



Original Color

73.6355, 79.3478, 96.2287

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.8886, 78.3814, 89.0767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6355, 79.3478, 96.2287 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(216, 233, 243)` looks like.

```
.text, #text, p{  
    color:rgb(216, 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(216, 233, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 233, 243) }
```

Border

The CSS property to change the border of an element to XYZ 73.6355, 79.3478, 96.2287 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(216, 233, 243) }
```


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

```
.border{ border-color:rgb(216, 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(216, 233, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 233, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 233, 243);  
box-shadow:4px 4px 4px 4px rgb(216, 233,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6355, 79.3478, 96.2287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 233, 243) }
```

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

```
.background{ background-color: rgb(216,  
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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