

Converting Colors

XYZ(73.2803, 78.9917, 95.5868)

Have a look what the booklet for
XYZ(73.2803, 78.9917, 95.5868)
contains.

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Color

**XYZ(73.4848, 79.2876,
95.4354)**

Conversions

Conversions Part 1

Format	Color
Hex	D8E9F2
RGB	216, 233, 242
RGB Percent	85%, 91%, 95%
CMY	0.1529, 0.0863, 0.0510
CMYK	0.11, 0.04, 0.00, 0.05
HSL	201°, 50%, 90%
HSV	201°, 11%, 95%
XYZ	73.4848, 79.2876, 95.4354
YIQ	228.9430, -13.0210, -0.8050

Conversions

Conversions Part 2

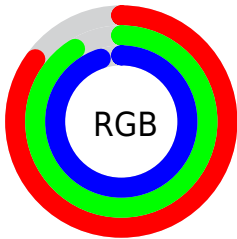
Format	Color
R _Y B	216, 226, 242
Decimal	14215666
CIE Lab	91.36, -3.87, -6.29
CIE LCh	91, 7.387, 238.391
Yxy	79.2876, 0.2961, 0.3194
Android (android.graphics.Color)	4292405746 (0xFFD8E9F2)
YUV	228.9430, 6.4371, -11.3510
Hunter-Lab	89.0436, -8.5160, -1.2155

Details

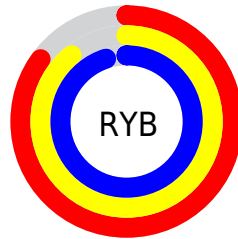
The XYZ color **73.4848, 79.2876, 95.4354** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.9381, 77.6849, 75.9593**, and the grayscale version is **74.3972, 78.2717, 85.2378**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2830, 42.5665, 52.6001** is the 20% darker color. If you saturate the color by 10%, you get **64.5410, 71.2430, 94.3553**, and if you desaturate by 10%, it is **83.5986, 88.1067, 96.6058**.

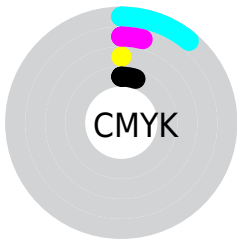
Distribution



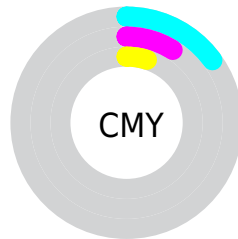
- Red (85%)
- Green (91%)
- Blue (95%)



- 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 73.4848, 79.2876, 95.4354 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 73.4848, 79.2876, 95.4354 by changing the saturation by 10% instead.

■ 73.4848, 79.2876,
95.4354

■ 73.4848, 79.2876,
95.4354

461.7711,
492.5287, 566.5778

■ 54.6623, 59.1323,
71.8985

123.1646,
132.3637, 156.8667

■ 39.3641, 42.7196,
52.5895

154.7526,
166.0532, 195.5983

■ 27.2251, 29.6652,
37.0897

191.3265,
205.0230, 240.2318

■ 17.8798, 19.5846,
24.9806

233.2516,
249.6574, 291.1858

■ 10.9629, 12.0935,
15.8437

280.8932,
300.3407, 348.8789

■ 6.1090, 6.8074,
9.2605

334.6168,

■ 2.9528, 3.3419,

357.4575, 413.7296

4.8123

394.7876,
421.3920, 486.1564

■ 1.1288, 1.3127,
2.0808

■ 0.0490, 0.1510,
0.6043

■ 73.4848, 79.2876,
95.4354

■ 73.4848, 79.2876,
95.4354

■ 64.5410, 71.2430,
94.3553

■ 83.5986, 88.1067,
96.6058

■ 56.7130, 63.9361,
93.3575

■ 91.3760, 95.8884,
97.6980

■ 49.9522, 57.3418,
92.4410

■ 93.0273, 99.1909,
98.2484

■ 44.2038, 51.4293,
91.6027

■ 39.4074, 46.1652,
90.8395

■ 35.4959, 41.5124,
90.1475

■ 32.3927, 37.4287,
89.5229

■ 30.0062, 33.8643,
88.9606

■ 28.2994, 30.9552,
88.4891

Harmonies

Analogous

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



72.2301, 79.2876, 91.3389



73.4848, 79.2876, 95.4354



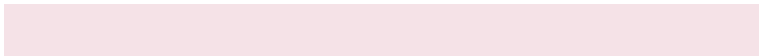
75.2592, 79.2876, 97.0797

Triad

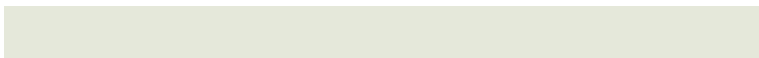
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.4848, 79.2876, 95.4354



79.0258, 79.2876, 86.6212



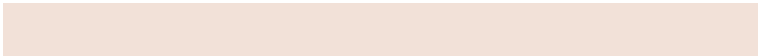
73.6575, 79.2876, 77.5538

Complementary

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



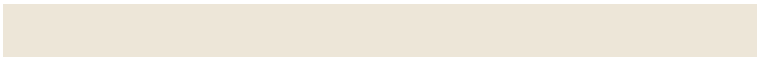
73.4848, 79.2876, 95.4354



75.9381, 77.6849, 75.9593

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.



75.4619, 79.2876, 76.4060



73.4848, 79.2876, 95.4354



78.5801, 79.2876, 81.5090

Square

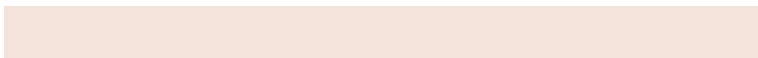
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



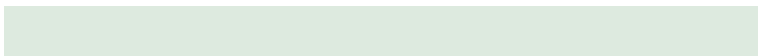
73.4848, 79.2876, 95.4354



78.4759, 79.2876, 91.8618



77.2678, 79.2876, 77.8243



72.3286, 79.2876, 81.0262

Rectangle

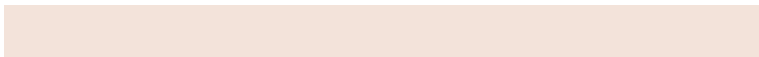
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.4848, 79.2876, 95.4354



76.5048, 79.2876, 96.5144



77.2678, 79.2876, 77.8243



74.2276, 79.2876, 76.8898

Sweetspot

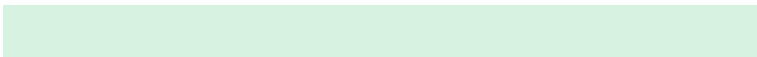
The Sweet Spot groups the original color and five complimentary colors.



73.4871, 79.2909, 95.4372



91.4527, 96.9006, 108.4913



73.6175, 83.5226, 83.2387



19.3733, 20.5663, 23.1986



0.0000, 0.0000, 0.0000



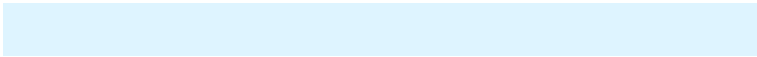
20.3446, 21.4041, 23.3091

Same Dimension

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



73.4871, 79.2909, 95.4372



80.3376, 87.1445, 107.1941



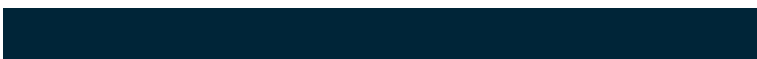
70.0280, 72.3726, 94.2841



15.7602, 16.9545, 20.1635



15.3349, 16.8941, 47.5805



1.3682, 1.5903, 3.9891

Inverse Universe

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



75.8836, 73.8737, 87.3543



83.5792, 79.9260, 96.2361



79.4915, 84.7916, 77.1438



16.2084, 15.9331, 18.6537



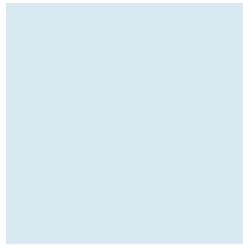
23.0660, 11.4988, 18.7958



1.9655, 0.9753, 1.8094

Previews

White Background



This preview shows how the XYZ color 73.4848, 79.2876, 95.4354 looks on a white background.

Color Contrast Check

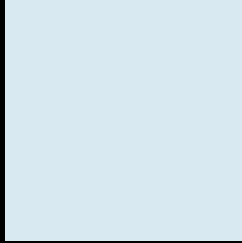
Large Text (above 18pt) WCAG AA × Fail

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 73.4848, 79.2876, 95.4354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

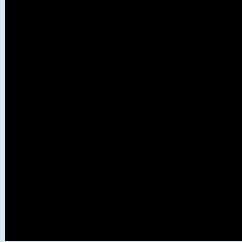
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

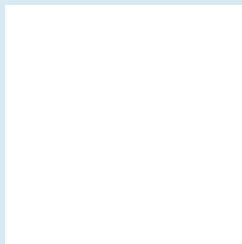
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4848, 79.2876, 95.4354

Background



This preview shows how black text looks on a background with the XYZ color 73.4848, 79.2876, 95.4354.



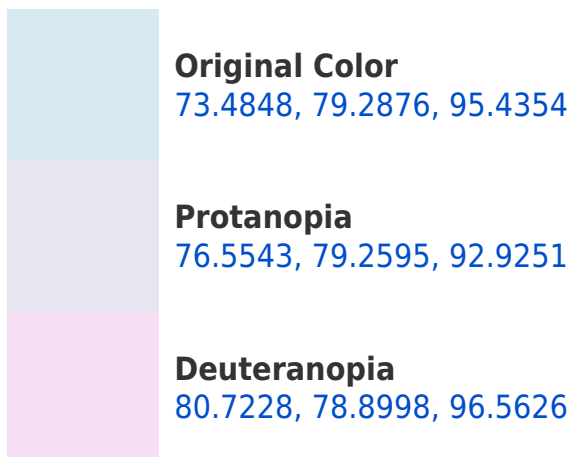
This preview shows how white text looks on a background with the XYZ color 73.4848, 79.2876,

95.4354.

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

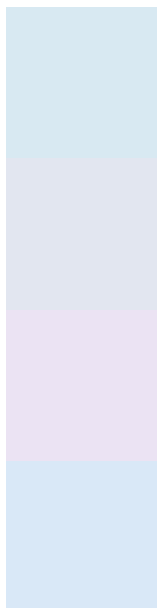




Tritanopia

74.7272, 79.3671, 101.8233

Trichromacy



Original Color

73.4848, 79.2876, 95.4354

Protanomaly

75.3890, 79.0537, 93.7235

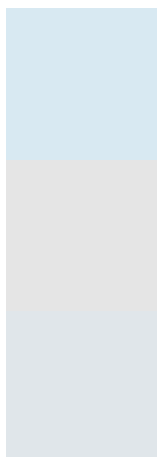
Deuteranomaly

77.9077, 79.0714, 95.9501

Tritanomaly

74.2604, 79.1803, 99.3651

Monochromacy



Original Color

73.4848, 79.2876, 95.4354

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 73.4848, 79.2876, 95.4354 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(216, 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(216, 233, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 233, 242) }
```

Border

The CSS property to change the border of an element to XYZ 73.4848, 79.2876, 95.4354 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, 242) }
```


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

```
.border{ border-color:rgb(216, 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(216, 233, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 233, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 233, 242);  
box-shadow:4px 4px 4px 4px rgb(216, 233,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4848, 79.2876, 95.4354 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, 242) }
```

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

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