

Converting Colors

XYZ(73.3023, 78.5613, 95.6148)

Have a look what the booklet for
XYZ(73.3023, 78.5613, 95.6148)
contains.

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Color

**XYZ(73.4989, 78.8757,
95.3551)**

Conversions

Conversions Part 1

Format	Color
Hex	D9E8F2
RGB	217, 232, 242
RGB Percent	85%, 91%, 95%
CMY	0.1490, 0.0902, 0.0510
CMYK	0.10, 0.04, 0.00, 0.05
HSL	204°, 49%, 90%
HSV	204°, 10%, 95%
XYZ	73.4989, 78.8757, 95.3551
YIQ	228.6550, -12.1500, -0.0700

Conversions

Conversions Part 2

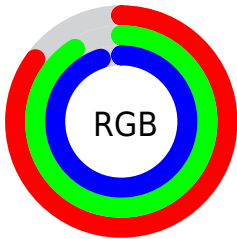
Format	Color
R_{YB}	217, 226, 242
Decimal	14280946
CIE _{Lab}	91.18, -3.04, -6.56
CIE _{LCh}	91, 7.229, 245.134
Yxy	78.8757, 0.2967, 0.3184
Android (android.graphics.Color)	4292471026 (0xFFD9E8F2)
YUV	228.6550, 6.5791, -10.2214
Hunter-Lab	88.8120, -7.6982, -1.4897

Details

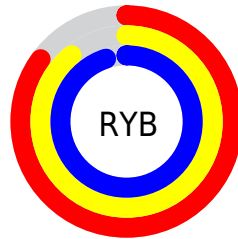
The XYZ color **73.4989, 78.8757, 95.3551** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.6119, 78.8248, 76.8240**, and the grayscale version is **74.1842, 78.0476, 84.9938**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2886, 42.2772, 52.5440** is the 20% darker color. If you saturate the color by 10%, you get **64.1776, 70.1394, 94.1613**, and if you desaturate by 10%, it is **84.0295, 88.4624, 96.6517**.

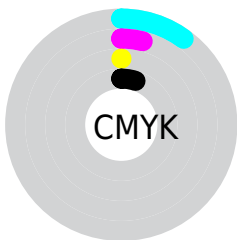
Distribution



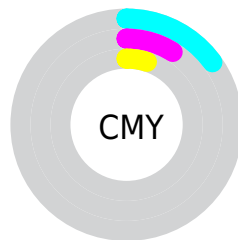
- Red (85%)
- Green (91%)
- Blue (95%)



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



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4989, 78.8757, 95.3551 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 73.4989, 78.8757, 95.3551 by changing the saturation by 10% instead.

■ 73.4989, 78.8757,
95.3551

■ 73.4989, 78.8757,
95.3551

461.8192,
491.1357, 566.3145

■ 54.6738, 58.7936,
71.8320

123.1845,
131.7839, 156.7549

■ 39.3734, 42.4470,
52.5355

154.7758,
165.3787, 195.4687

■ 27.2324, 29.4515,
37.0469

191.3532,
204.2466, 240.0832

■ 17.8853, 19.4226,
24.9477

233.2820,
248.7720, 291.0169

■ 10.9669, 11.9760,
15.8195

280.9277,
299.3392, 348.6883

■ 6.1117, 6.7274,
9.2435

334.6555,

■ 2.9544, 3.2922,

356.3326, 413.5160

4.8014

394.8309,
420.1367, 485.9186

■ 1.1297, 1.2861,
2.0745

■ 0.0498, 0.1304,
0.6005

■ 73.4989, 78.8757,
95.3551

■ 73.4989, 78.8757,
95.3551

■ 64.1776, 70.1394,
94.1613

■ 84.0295, 88.4624,
96.6517

■ 56.0107, 62.2152,
93.0623

■ 91.8766, 96.8897,
97.8648

■ 48.9490, 55.0761,
92.0565

■ 93.0272, 99.1909,
98.2483

■ 42.9367, 48.6899,
91.1407

■ 37.9130, 43.0213,
90.3113

■ 33.8101, 38.0313,
89.5644

■ 30.5507, 33.6761,
88.8955

■ 28.0430, 29.9042,
88.2997

■ 26.1882, 26.7328,
87.7853

Harmonies

Analogous

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



72.1276, 78.8757, 91.8141



73.4989, 78.8757, 95.3551



75.2844, 78.8757, 96.3168

Triad

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



73.4989, 78.8757, 95.3551



78.5290, 78.8757, 84.9834



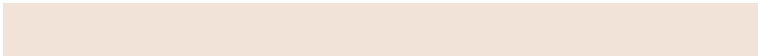
72.9619, 78.8757, 77.9006

Complementary

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



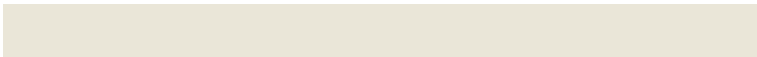
73.4989, 78.8757, 95.3551



76.6119, 78.8248, 76.8240

Split Complementary

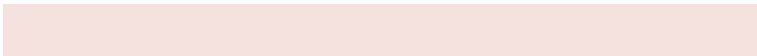
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.6545, 78.8757, 76.2299



73.4989, 78.8757, 95.3551



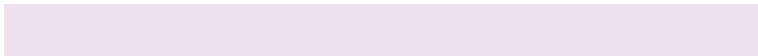
77.8840, 78.8757, 80.2115

Square

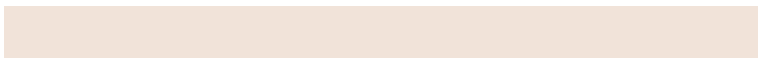
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4989, 78.8757, 95.3551



78.2075, 78.8757, 90.1904



76.4585, 78.8757, 77.0585



71.8211, 78.8757, 81.7135

Rectangle

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



73.4989, 78.8757, 95.3551



76.4737, 78.8757, 95.3337



76.4585, 78.8757, 77.0585



73.4841, 78.8757, 77.0771

Sweetspot

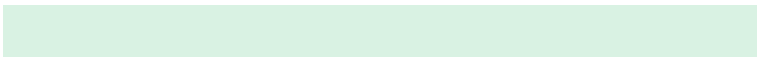
The Sweet Spot groups the original color and five complimentary colors.



73.5012, 78.8790, 95.3569



91.3232, 96.6416, 108.4482



74.1764, 83.7804, 84.6350



19.3383, 20.4964, 23.1869



0.0000, 0.0000, 0.0000



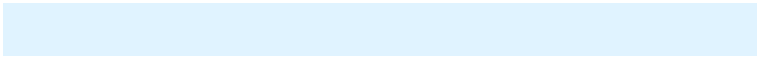
20.3446, 21.4041, 23.3091

Same Dimension

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



73.5012, 78.8790, 95.3569



80.8946, 87.0913, 107.1544



70.2151, 72.3067, 94.2615



15.6863, 16.8067, 20.1389



14.2056, 14.6355, 47.2041



1.2788, 1.4116, 3.9593

Inverse Universe

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



75.9981, 74.3308, 86.6894



84.1453, 81.2434, 95.8539



80.0345, 85.6701, 77.9649



16.1711, 15.9182, 18.4572



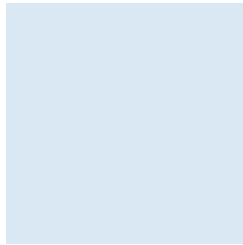
22.4960, 11.2708, 15.7942



1.9204, 0.9572, 1.5719

Previews

White Background



This preview shows how the XYZ color 73.4989, 78.8757, 95.3551 looks on a white background.

Color Contrast Check

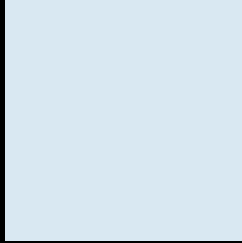
Large Text (above 18pt) WCAG AA × Fail

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 73.4989, 78.8757, 95.3551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

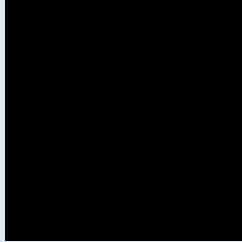
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

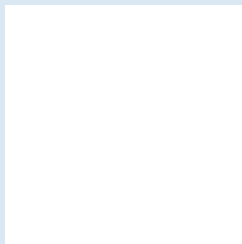
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4989, 78.8757, 95.3551

Background



This preview shows how black text looks on a background with the XYZ color 73.4989, 78.8757, 95.3551.



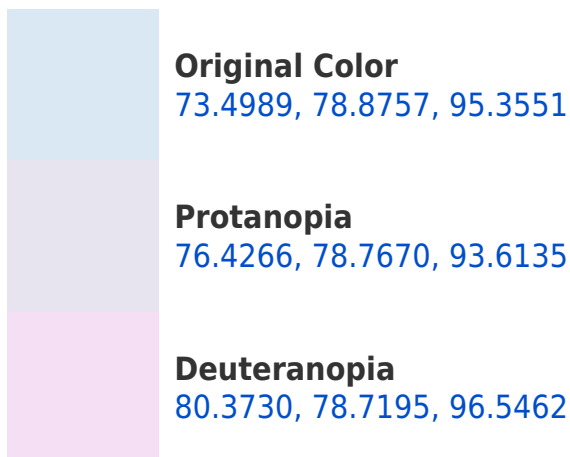
This preview shows how white text looks on a background with the XYZ color 73.4989, 78.8757,

95.3551.

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

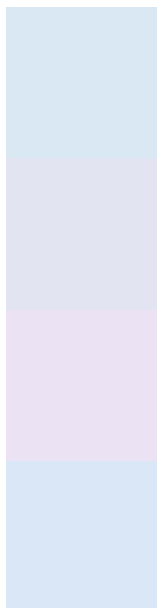




Tritanopia

74.5882, 78.8968, 100.9199

Trichromacy



Original Color

73.4989, 78.8757, 95.3551

Protanomaly

75.2605, 78.5582, 94.4157

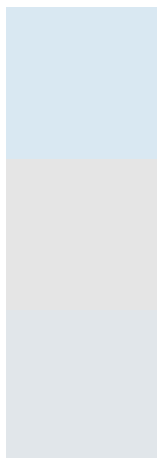
Deuteranomaly

77.6350, 78.5259, 95.8592

Tritanomaly

74.1239, 78.7111, 98.4748

Monochromacy



Original Color

73.4989, 78.8757, 95.3551

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.1994, 78.5417, 89.0912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4989, 78.8757, 95.3551 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(217, 232, 242)` looks like.

```
.text, #text, p{  
    color:rgb(217, 232, 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(217, 232, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 232, 242) }
```

Border

The CSS property to change the border of an element to XYZ 73.4989, 78.8757, 95.3551 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(217, 232, 242) }
```


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

```
.border{ border-color:rgb(217, 232, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 232, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 232, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 232, 242);  
box-shadow:4px 4px 4px 4px rgb(217, 232,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4989, 78.8757, 95.3551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 232, 242) }
```

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

```
.background{ background-color: rgb(217,  
232, 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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