

Converting Colors

XYZ(73.3961, 81.1495, 89.3880)

Have a look what the booklet for
XYZ(73.3961, 81.1495, 89.3880)
contains.

XYZ(73.4544, 81.1078, 89.6258)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.4544, 81.1078,
89.6258)**

Conversions

Conversions Part 1

Format	Color
Hex	D8EDEA
RGB	216, 237, 234
RGB Percent	85%, 93%, 92%
CMY	0.1529, 0.0706, 0.0823
CMYK	0.09, 0.00, 0.01, 0.07
HSL	171°, 37%, 89%
HSV	171°, 9%, 93%
XYZ	73.4544, 81.1078, 89.6258
YIQ	230.3790, -11.5530, -5.3850

Conversions

Conversions Part 2

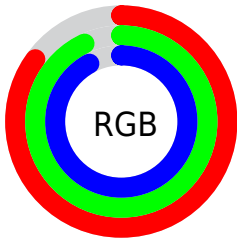
Format	Color
R _Y B	216, 227, 237
Decimal	14216682
CIE Lab	92.18, -7.45, -0.92
CIE LCh	92, 7.506, 187.040
Yxy	81.1078, 0.3008, 0.3322
Android (android.graphics.Color)	4292406762 (0xFFD8EDEA)
YUV	230.3790, 1.7852, -12.6104
Hunter-Lab	90.0599, -12.0171, 4.0377

Details

The XYZ color **73.4544, 81.1078, 89.6258** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.2701, 72.2330, 77.1550**, and the grayscale version is **75.4897, 79.4211, 86.4895**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2577, 43.8392, 48.5122** is the 20% darker color. If you saturate the color by 10%, you get **66.4694, 77.5649, 86.7828**, and if you desaturate by 10%, it is **81.4632, 85.1819, 92.5687**.

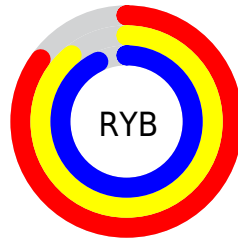
Distribution



Red (85%)

Green (93%)

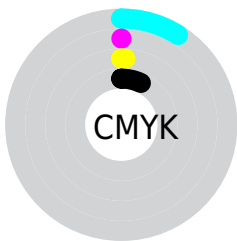
Blue (92%)



Red (85%)

Yellow (89%)

Blue (93%)

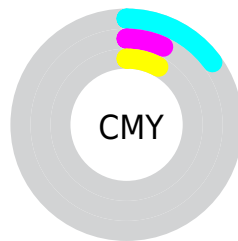


Cyan (9%)

Magenta (0%)

Yellow (1%)

Black (7%)



Cyan (15%)

Magenta (7%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4544, 81.1078, 89.6258 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 73.4544, 81.1078, 89.6258 by changing the saturation by 10% instead.

73.4544, 81.1078,
89.6258

73.4544, 81.1078,
89.6258

461.6676,
498.6584, 547.3515

54.6373, 60.6304,
67.0984

123.1217,
134.9221, 148.7495

39.3441, 43.9269,
48.7025

154.7027,
169.0278, 186.1828

27.2094, 30.6131,
34.0196

191.2690,
208.4451, 229.4218

17.8680, 20.3044,
22.6312

233.1859,
253.5583, 278.8851

10.9544, 12.6165,
14.1187

280.8189,
304.7518, 334.9912

6.1032, 7.1650,
8.0636

334.5333,

2.9492, 3.5655,

362.4101, 398.1586

4.0473

394.6944,
426.9175, 468.8058

■ 1.1270, 1.4336,
1.6513

■ 0.0475, 0.2413,
0.3271

■ 73.4544, 81.1078,
89.6258

■ 73.4544, 81.1078,
89.6258

■ 66.4694, 77.5649,
86.7828

■ 81.4632, 85.1819,
92.5687

■ 60.4583, 74.5207,
84.0321

■ 87.3700, 88.1691,
95.4605

■ 55.3772, 71.9549,
81.3729

■ 87.8806, 88.3733,
98.1489

■ 51.1761, 69.8417,
78.8028

■ 88.4006, 88.5813,
100.8871

■ 47.8004, 68.1529,
76.3189

■ 88.9301, 88.7931,
103.6754

■ 45.1893, 66.8572,
73.9180

■ 89.4691, 89.0088,
106.5142

■ 43.2733, 65.9189,
71.5966

■ 89.5757, 89.0514,
107.0752

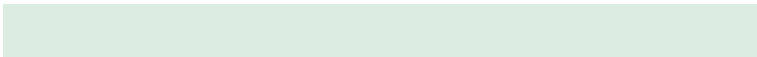
■ 41.9707, 65.2958,
69.3507

■ 41.1584, 64.9244,
67.1741

Harmonies

Analogous

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



73.7131, 81.1078, 84.2183



73.4544, 81.1078, 89.6258



74.1569, 81.1078, 94.8921

Triad

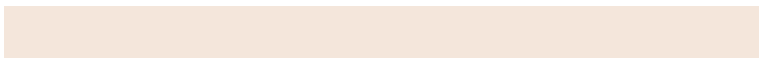
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.4544, 81.1078, 89.6258



79.3549, 81.1078, 97.0996



78.5519, 81.1078, 78.8545

Complementary

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



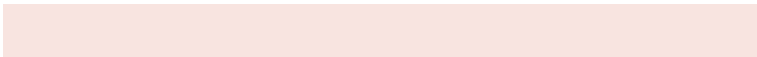
73.4544, 81.1078, 89.6258



72.2701, 72.2330, 77.1550

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.



80.1006, 81.1078, 82.0445



73.4544, 81.1078, 89.6258



80.5696, 81.1078, 92.5375

Square

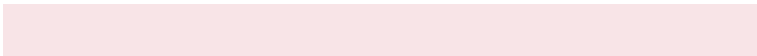
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4544, 81.1078, 89.6258



77.5477, 81.1078, 99.3226



80.8447, 81.1078, 87.0123



76.6352, 81.1078, 78.1479

Rectangle

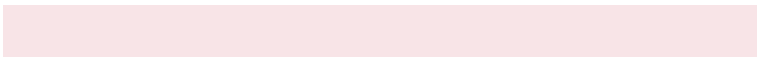
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



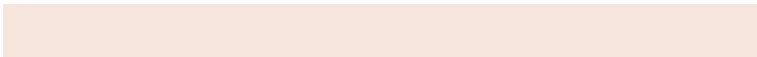
73.4544, 81.1078, 89.6258



75.0827, 81.1078, 97.5641



80.8447, 81.1078, 87.0123



79.1338, 81.1078, 79.6652

Sweetspot

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



73.4567, 81.1112, 89.6276



92.1157, 98.5076, 107.8459



71.9399, 80.6131, 76.7354



19.5527, 21.0014, 23.0235



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.



73.4567, 81.1112, 89.6276



84.8336, 94.8071, 105.0859



71.8070, 77.1152, 91.2248



15.4197, 17.0827, 18.8927



22.4638, 35.4400, 36.7371



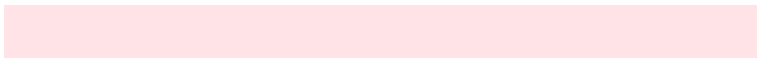
1.7893, 2.7930, 3.0184

Inverse Universe

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



72.2701, 72.2330, 77.1550



83.1137, 81.9382, 87.0077



73.8038, 75.9276, 75.7328



15.1532, 15.0891, 16.0921



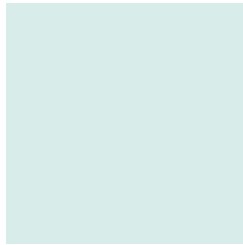
19.2530, 9.9039, 1.8678



1.5392, 0.7887, 0.2910

Previews

White Background



This preview shows how the XYZ color 73.4544, 81.1078, 89.6258 looks on a white background.

Color Contrast Check

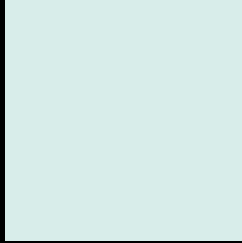
Large Text (above 18pt) WCAG AA × Fail

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 73.4544, 81.1078, 89.6258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

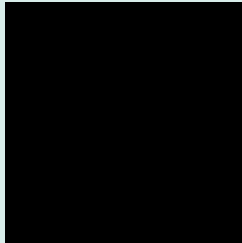
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

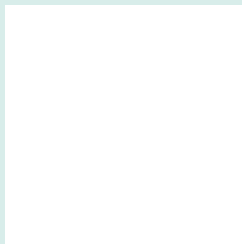
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4544, 81.1078, 89.6258

Background



This preview shows how black text looks on a background with the XYZ color 73.4544, 81.1078, 89.6258.



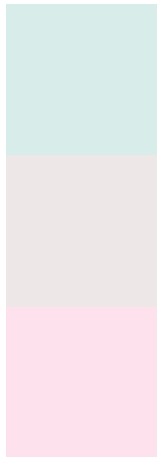
This preview shows how white text looks on a background with the XYZ color 73.4544, 81.1078,

89.6258.

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

73.4544, 81.1078, 89.6258

Protanopia

77.9248, 80.9259, 87.1145

Deuteranopia

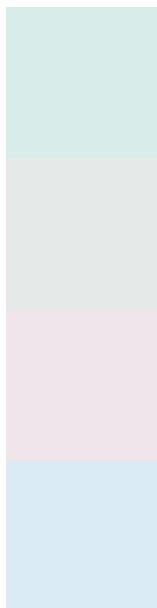
82.5735, 80.7892, 90.5987



Tritanopia

76.3659, 80.9976, 104.5377

Trichromacy



Original Color

73.4544, 81.1078, 89.6258

Protanomaly

76.0175, 80.7620, 87.9260

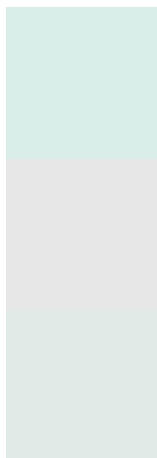
Deuteranomaly

78.9499, 80.5620, 89.9862

Tritanomaly

75.2563, 80.9759, 98.8523

Monochromacy



Original Color

73.4544, 81.1078, 89.6258

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.6141, 80.0549, 87.1209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4544, 81.1078, 89.6258 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, 237, 234)` looks like.

```
.text, #text, p{  
    color:rgb(216, 237, 234)  
}
```

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, 237, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 237, 234) }
```

Border

The CSS property to change the border of an element to XYZ 73.4544, 81.1078, 89.6258 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, 237, 234) }
```


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

```
.border{ border-color:rgb(216, 237, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 237, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 237, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 237, 234);  
box-shadow:4px 4px 4px 4px rgb(216, 237,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4544, 81.1078, 89.6258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 237, 234) }
```

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

```
.background{ background-color: rgb(216,  
237, 234) }
```

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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