

Converting Colors

XYZ(72.9494, 78.4833, 95.7338)

Have a look what the booklet for
XYZ(72.9494, 78.4833, 95.7338)
contains.

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Color

**XYZ(73.0586, 78.6314,
96.1208)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E8F3
RGB	215, 232, 243
RGB Percent	84%, 91%, 95%
CMY	0.1569, 0.0902, 0.0471
CMYK	0.12, 0.05, 0.00, 0.05
HSL	204°, 54%, 90%
HSV	204°, 12%, 95%
XYZ	73.0586, 78.6314, 96.1208
YIQ	228.1710, -13.6630, -0.1830

Conversions

Conversions Part 2

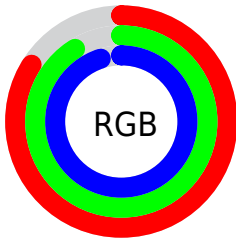
Format	Color
R _Y B	215, 226, 243
Decimal	14149875
CIE Lab	91.07, -3.48, -7.26
CIE LCh	91, 8.052, 244.388
Yxy	78.6314, 0.2948, 0.3173
Android (android.graphics.Color)	4292339955 (0xFFD7E8F3)
YUV	228.1710, 7.3107, -11.5510
Hunter-Lab	88.6743, -8.1144, -2.1968

Details

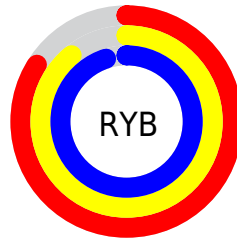
The XYZ color **73.0586, 78.6314, 96.1208** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.4246, 78.3532, 75.3870**, and the grayscale version is **73.8252, 77.6698, 84.5824**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9922, 42.1121, 53.0871** is the 20% darker color. If you saturate the color by 10%, you get **63.8329, 69.9971, 94.9417**, and if you desaturate by 10%, it is **83.4946, 88.1104, 97.4016**.

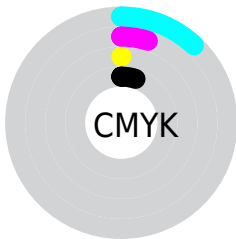
Distribution



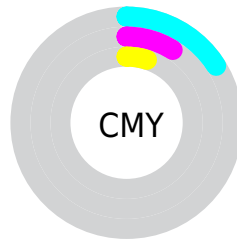
- Red (84%)
- Green (91%)
- Blue (95%)



- Red (84%)
- Yellow (89%)
- Blue (95%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (16%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0586, 78.6314, 96.1208 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 73.0586, 78.6314, 96.1208 by changing the saturation by 10% instead.

■ 73.0586, 78.6314,
96.1208

■ 73.0586, 78.6314,
96.1208

460.3185,
490.3085, 568.8226

■ 54.3124, 58.5928,
72.4661

122.5631,
131.4398, 157.8210

■ 39.0832, 42.2854,
53.0504

154.0521,
164.9784, 196.7036

■ 27.0054, 29.3248,
37.4550

190.5194,
203.7858, 241.4993

■ 17.7139, 19.3267,
25.2614

232.3305,
248.2464, 292.6266

■ 10.8432, 11.9066,
16.0511

279.8505,
298.7446, 350.5040

■ 6.0280, 6.6801,
9.4056

333.4450,

■ 2.9030, 3.2629,

355.6647, 415.5502

4.9063

393.4792,
419.3912, 488.1835

■ 1.1027, 1.2705,
2.1346

■ 0.0273, 0.1182,
0.6362

■ 73.0586, 78.6314,
96.1208

■ 73.0586, 78.6314,
96.1208

■ 63.8329, 69.9971,
94.9417

■ 83.4946, 88.1104,
97.4016

■ 55.7618, 62.1690,
93.8561

■ 91.9439, 96.7831,
98.6303

■ 48.7952, 55.1200,
92.8627

■ 93.1779, 99.2512,
99.0416

■ 42.8764, 48.8173,
91.9581

■ 37.9433, 43.2252,
91.1387

■ 33.9267, 38.3042,
90.4006

■ 30.7471, 34.0096,
89.7392

■ 28.3098, 30.2883,
89.1494

■ 26.7000, 27.5153,
88.6990

Harmonies

Analogous

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



71.5550, 78.6314, 92.1007



73.0586, 78.6314, 96.1208



75.0365, 78.6314, 97.2790

Triad

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



73.0586, 78.6314, 96.1208



78.7052, 78.6314, 84.7619



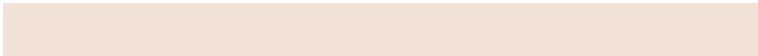
72.5492, 78.6314, 76.7001

Complementary

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



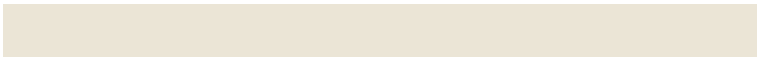
73.0586, 78.6314, 96.1208



76.4246, 78.3532, 75.3870

Split Complementary

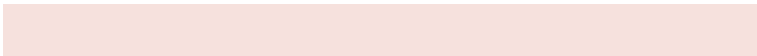
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.4379, 78.6314, 74.9250



73.0586, 78.6314, 96.1208



78.0115, 78.6314, 79.4435

Square

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



73.0586, 78.6314, 96.1208



78.3199, 78.6314, 90.5507



76.4405, 78.6314, 75.9063



71.2646, 78.6314, 80.8643

Rectangle

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



73.0586, 78.6314, 96.1208



76.3637, 78.6314, 96.2300



76.4405, 78.6314, 75.9063



73.1332, 78.6314, 75.8130

Sweetspot

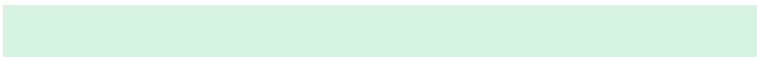
The Sweet Spot groups the original color and five complimentary colors.



73.0609, 78.6347, 96.1225



91.3403, 96.6759, 108.4539



73.7671, 84.0260, 84.0918



19.3429, 20.5056, 23.1884



0.0000, 0.0000, 0.0000



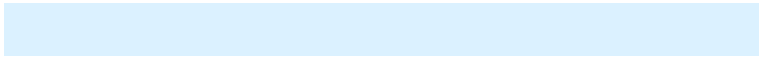
20.3446, 21.4041, 23.3091

Same Dimension

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



73.0609, 78.6347, 96.1225



78.8030, 85.2250, 106.9045



69.3439, 71.2008, 94.8836



16.4186, 17.6015, 21.0747



14.7888, 15.3713, 48.7255



1.3997, 1.5508, 4.3158

Inverse Universe

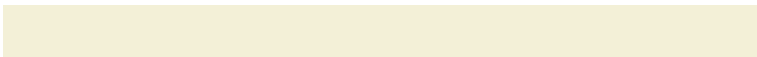
The Inverse Universe completely reimagines the original color for something new.



75.8299, 73.4834, 86.5348



82.5240, 78.4294, 93.9919



80.3108, 86.1256, 76.6824



16.9219, 16.6516, 19.3352



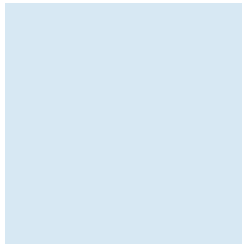
23.2692, 11.6511, 16.6578



2.0956, 1.0442, 1.7296

Previews

White Background



This preview shows how the XYZ color 73.0586, 78.6314, 96.1208 looks on a white background.

Color Contrast Check

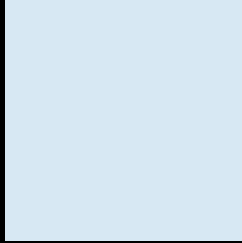
Large Text (above 18pt) WCAG AA × Fail

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 73.0586, 78.6314, 96.1208 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

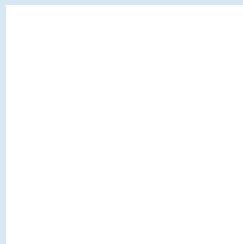
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0586, 78.6314, 96.1208

Background



This preview shows how black text looks on a background with the XYZ color 73.0586, 78.6314, 96.1208.

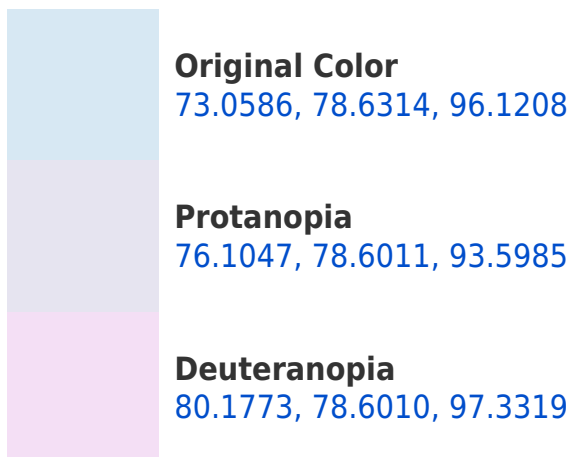


This preview shows how white text looks on a background with the XYZ color 73.0586, 78.6314,

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

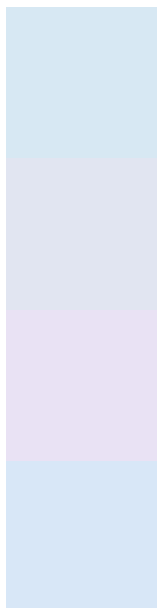




Tritanopia

73.9937, 78.5903, 100.8921

Trichromacy



Original Color

73.0586, 78.6314, 96.1208

Protanomaly

74.9478, 78.3970, 94.4011

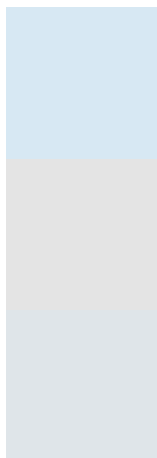
Deuteranomaly

77.1298, 78.2480, 96.6262

Tritanomaly

73.6833, 78.4662, 99.2576

Monochromacy



Original Color

73.0586, 78.6314, 96.1208

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.1587, 77.6098, 88.2151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0586, 78.6314, 96.1208 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(215, 232, 243)` looks like.

```
.text, #text, p{  
    color:rgb(215, 232, 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(215, 232, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 232, 243) }
```

Border

The CSS property to change the border of an element to XYZ 73.0586, 78.6314, 96.1208 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(215, 232, 243) }
```


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

```
.border{ border-color:rgb(215, 232, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 232, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 232, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 232, 243);  
box-shadow:4px 4px 4px 4px rgb(215, 232,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0586, 78.6314, 96.1208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 232, 243) }
```

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

```
.background{ background-color: rgb(215,  
232, 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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