

Converting Colors

XYZ(72.9443, 76.4486, 90.0435)

Have a look what the booklet for
XYZ(72.9443, 76.4486, 90.0435)
contains.

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Color

**XYZ(73.0408, 76.6823,
90.3084)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE3EC
RGB	223, 227, 236
RGB Percent	87%, 89%, 93%
CMY	0.1255, 0.1098, 0.0745
CMYK	0.06, 0.04, 0.00, 0.07
HSL	222°, 25%, 90%
HSV	222°, 6%, 93%
XYZ	73.0408, 76.6823, 90.3084
YIQ	226.8300, -5.2730, 1.9510

Conversions

Conversions Part 2

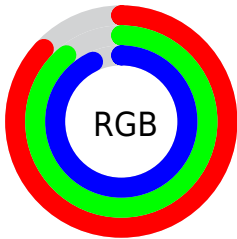
Format	Color
R _Y B	223, 226, 236
Decimal	14672876
CIE Lab	90.18, 0.33, -4.85
CIE LCh	90, 4.862, 273.862
Yxy	76.6823, 0.3043, 0.3195
Android (android.graphics.Color)	4292862956 (0xFFDFE3EC)
YUV	226.8300, 4.5208, -3.3589
Hunter-Lab	87.5684, -4.3580, 0.1527

Details

The XYZ color **73.0408, 76.6823, 90.3084** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.7681, 80.8729, 81.3771**, and the grayscale version is **72.8630, 76.6575, 83.4800**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1392, 41.1252, 49.0551** is the 20% darker color. If you saturate the color by 10%, you get **62.0137, 64.6799, 88.5741**, and if you desaturate by 10%, it is **85.5096, 90.0611, 92.2348**.

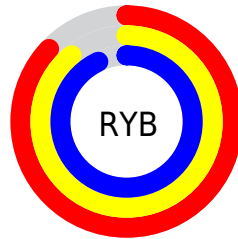
Distribution



Red (87%)

Green (89%)

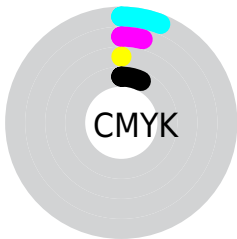
Blue (93%)



Red (87%)

Yellow (89%)

Blue (93%)

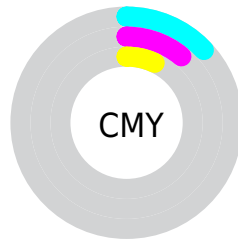


Cyan (6%)

Magenta (4%)

Yellow (0%)

Black (7%)



Cyan (13%)

Magenta (11%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0408, 76.6823, 90.3084 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 73.0408, 76.6823, 90.3084 by changing the saturation by 10% instead.

■ 73.0408, 76.6823,
90.3084

■ 73.0408, 76.6823,
90.3084

460.2578,
483.6801, 549.6295

■ 54.2978, 56.9922,
67.6613

122.5379,
128.6909, 149.7060

■ 39.0714, 40.9989,
49.1573

154.0228,
161.7782, 187.2935

■ 26.9963, 28.3183,
34.3778

190.4857,
200.1000, 230.6983

■ 17.7070, 18.5657,
22.9043

232.2920,
244.0406, 280.3388

■ 10.8382, 11.3569,
14.3182

279.8070,
293.9846, 336.6337

■ 6.0247, 6.3074,
8.2010

333.3960,

■ 2.9009, 3.0329,

350.3162, 400.0014

4.1342

393.4245,
413.4199, 470.8605

■ 1.1016, 1.1489,
1.6993

■ 0.0264, 0.0194,
0.3602

■ 73.0408, 76.6823,
90.3084

■ 73.0408, 76.6823,
90.3084

■ 62.0137, 64.6799,
88.5741

■ 85.5096, 90.0611,
92.2348

■ 52.3681, 53.9992,
87.0209

■ 92.1405, 98.8362,
93.5790

■ 44.0496, 44.5960,
85.6443

■ 36.9971, 36.4198,
84.4378

■ 31.1449, 29.4166,
83.3945

■ 26.4206, 23.5279,
82.5069

■ 22.7438, 18.6896,
81.7668

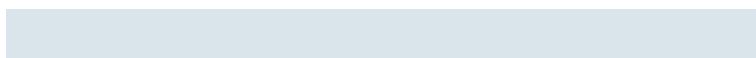
■ 20.0219, 14.8298,
81.1652

■ 18.1435, 11.8650,
80.6920

Harmonies

Analogous

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



71.8658, 76.6823, 89.6094



73.0408, 76.6823, 90.3084



74.1861, 76.6823, 89.1405

Triad

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



73.0408, 76.6823, 90.3084



74.8300, 76.6823, 79.8420



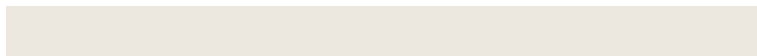
70.8188, 76.6823, 80.5977

Complementary

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



73.0408, 76.6823, 90.3084



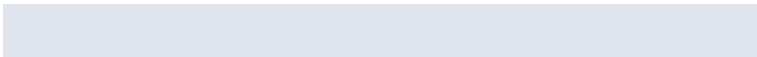
76.7681, 80.8729, 81.3771

Split Complementary

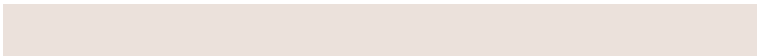
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.5976, 76.6823, 78.0911



73.0408, 76.6823, 90.3084



73.9122, 76.6823, 77.6634

Square

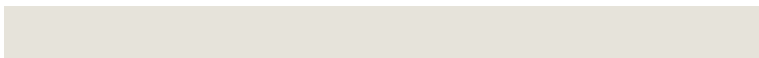
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.0408, 76.6823, 90.3084



75.2263, 76.6823, 83.0467



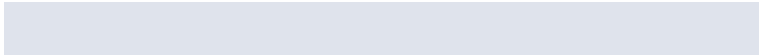
72.7279, 76.6823, 77.0313



70.5913, 76.6823, 83.9429

Rectangle

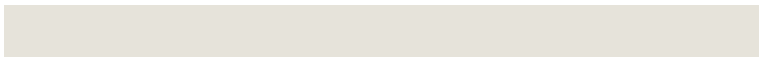
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.0408, 76.6823, 90.3084



74.7762, 76.6823, 87.4787



72.7279, 76.6823, 77.0313



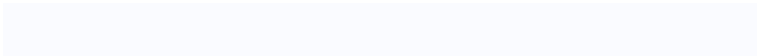
71.0244, 76.6823, 79.6322

Sweetspot

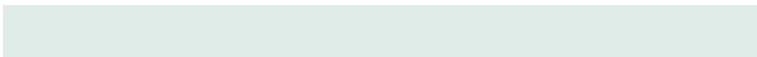
The Sweet Spot groups the original color and five complimentary colors.



73.0430, 76.6856, 90.3101



92.0829, 96.8144, 108.4415



74.9770, 81.4997, 88.0375



19.7406, 20.7557, 23.2158



0.0000, 0.0000, 0.0000



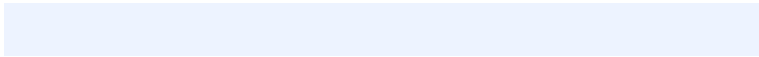
20.3446, 21.4041, 23.3091

Same Dimension

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



73.0430, 76.6856, 90.3101



84.9704, 89.1408, 107.3352



72.7001, 74.9019, 89.9839



15.0660, 15.8009, 19.1781



9.7482, 6.1435, 44.4150



0.8480, 0.6475, 3.5152

Inverse Universe

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



74.8466, 76.1557, 83.4316



87.6921, 88.3651, 96.9495



77.1219, 82.7475, 81.7203



15.5888, 15.6536, 17.1828



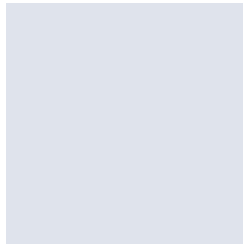
19.7758, 10.1130, 4.6205



1.5945, 0.8108, 0.5822

Previews

White Background



This preview shows how the XYZ color 73.0408, 76.6823, 90.3084 looks on a white background.

Color Contrast Check

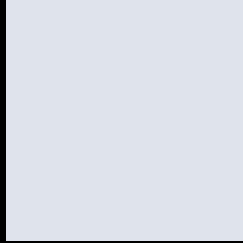
Large Text (above 18pt) WCAG AA × Fail

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 73.0408, 76.6823, 90.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

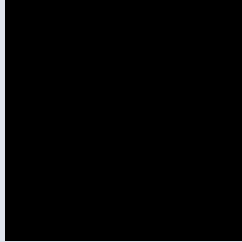
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

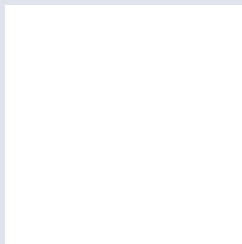
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0408, 76.6823, 90.3084

Background



This preview shows how black text looks on a background with the XYZ color 73.0408, 76.6823, 90.3084.

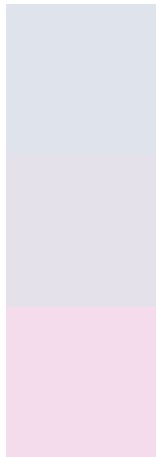


This preview shows how white text looks on a background with the XYZ color 73.0408, 76.6823,

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

73.0408, 76.6823, 90.3084

Protanopia

73.9155, 76.3426, 89.4371

Deuteranopia

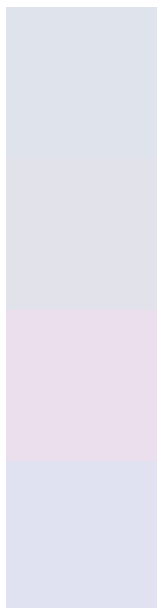
78.1875, 76.5339, 90.7724



Tritanopia

74.2660, 76.7717, 96.4921

Trichromacy



Original Color

73.0408, 76.6823, 90.3084

Protanomaly

73.5558, 76.5596, 89.4979

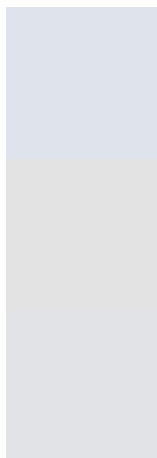
Deuteranomaly

76.2658, 76.7226, 90.9101

Tritanomaly

73.8140, 76.5909, 94.1122

Monochromacy



Original Color

73.0408, 76.6823, 90.3084

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.1160, 76.8201, 85.8370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0408, 76.6823, 90.3084 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(223, 227, 236) looks like.

```
.text, #text, p{  
    color:rgb(223, 227, 236)  
}
```

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(223, 227, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 227, 236) }
```

Border

The CSS property to change the border of an element to XYZ 73.0408, 76.6823, 90.3084 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(223, 227, 236) }
```


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

```
.border{ border-color:rgb(223, 227, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 227, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 227, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 227, 236);  
box-shadow:4px 4px 4px 4px rgb(223, 227,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0408, 76.6823, 90.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 227, 236) }
```

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

```
.background{ background-color: rgb(223,  
227, 236) }
```

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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