

Converting Colors

XYZ(73.3277, 77.2585, 96.3189)

Have a look what the booklet for
XYZ(73.3277, 77.2585, 96.3189)
contains.

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Color

**XYZ(73.2860, 77.0785,
96.6030)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE4F4
RGB	219, 228, 244
RGB Percent	86%, 89%, 96%
CMY	0.1412, 0.1059, 0.0431
CMYK	0.10, 0.07, 0.00, 0.04
HSL	218°, 53%, 91%
HSV	218°, 10%, 96%
XYZ	73.2860, 77.0785, 96.6030
YIQ	227.1330, -10.5000, 3.0680

Conversions

Conversions Part 2

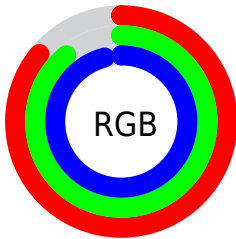
Format	Color
R _Y B	219, 226, 244
Decimal	14410996
CIE Lab	90.36, 0.05, -8.80
CIE LCh	90, 8.804, 270.342
Yxy	77.0785, 0.2967, 0.3121
Android (android.graphics.Color)	4292601076 (0xFFDBE4F4)
YUV	227.1330, 8.3154, -7.1326
Hunter-Lab	87.7944, -4.6380, -3.7827

Details

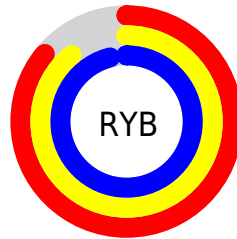
The XYZ color **73.2860, 77.0785, 96.6030** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.8032, 83.7640, 78.9814**, and the grayscale version is **73.0592, 76.8639, 83.7048**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3305, 41.4105, 53.4970** is the 20% darker color. If you saturate the color by 10%, you get **62.3739, 65.3640, 94.9182**, and if you desaturate by 10%, it is **85.6665, 90.1300, 98.4709**.

Distribution



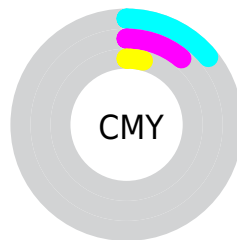
- Red (86%)
- Green (89%)
- Blue (96%)



- Red (86%)
- Yellow (89%)
- Blue (96%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (14%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2860, 77.0785, 96.6030 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 73.2860, 77.0785, 96.6030 by changing the saturation by 10% instead.

■ 73.2860, 77.0785,
96.6030

■ 73.2860, 77.0785,
96.6030

461.0939,
485.0316, 570.3991

■ 54.4991, 57.3173,
72.8656

122.8841,
129.2503, 158.4919

■ 39.2331, 41.2600,
53.3749

154.4259,
162.4297, 197.4806

■ 27.1226, 28.5223,
37.7124

190.9502,
200.8506, 242.3901

■ 17.8024, 18.7198,
25.4595

232.8221,
244.8974, 293.6390

■ 10.9070, 11.4680,
16.1976

280.4070,
294.9545, 351.6458

■ 6.0712, 6.3825,
9.5082

334.0704,

■ 2.9295, 3.0790,

351.4063, 416.8290

4.9728

394.1776,
414.6372, 489.6073

■ 1.1166, 1.1731,
2.1729

■ 0.0389, 0.0396,
0.6586

■ 73.2860, 77.0785,
96.6030

■ 73.2860, 77.0785,
96.6030

■ 62.3739, 65.3640,
94.9182

■ 85.6665, 90.1300,
98.4709

■ 52.8667, 54.9324,
93.4058

■ 93.3294, 99.3117,
99.8393

■ 44.7058, 45.7396,
92.0615

■ 37.8259, 37.7357,
90.8792

■ 32.1559, 30.8664,
89.8522

■ 27.6171, 25.0731,
88.9732

■ 24.1205, 20.2904,
88.2343

■ 21.5615, 16.4438,
87.6267

■ 19.8084, 13.4898,
87.1489

Harmonies

Analogous

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



71.1920, 77.0785, 94.8743



73.2860, 77.0785, 96.6030



75.4138, 77.0785, 94.7960

Triad

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



73.2860, 77.0785, 96.6030



76.9642, 77.0785, 77.9658



69.6538, 77.0785, 78.0849

Complementary

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



73.2860, 77.0785, 96.6030



79.8032, 83.7640, 78.9814

Split Complementary

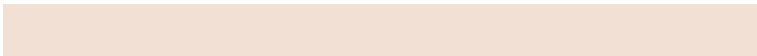
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.1492, 77.0785, 73.9193



73.2860, 77.0785, 96.6030



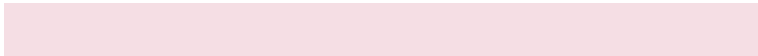
75.3693, 77.0785, 73.8530

Square

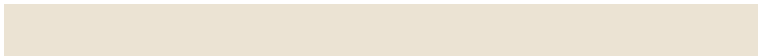
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.2860, 77.0785, 96.6030



77.5631, 77.0785, 83.8532



73.2356, 77.0785, 72.4085



69.1206, 77.0785, 83.9976

Rectangle

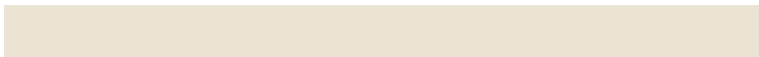
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.2860, 77.0785, 96.6030



76.5586, 77.0785, 91.8789



73.2356, 77.0785, 72.4085



70.0591, 77.0785, 76.4446

Sweetspot

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



73.2883, 77.0817, 96.6047



90.7495, 95.4943, 108.2570



76.5368, 85.7513, 90.9902



19.1836, 20.1869, 23.1353



0.0000, 0.0000, 0.0000



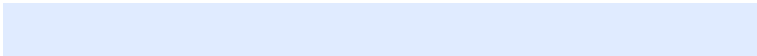
20.3446, 21.4041, 23.3091

Same Dimension

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



73.2883, 77.0817, 96.6047



78.7432, 82.7885, 106.4373



71.8886, 72.7786, 95.8479



16.0696, 16.9035, 20.9583



10.8882, 7.5702, 47.4253



1.0508, 0.8529, 4.1995

Inverse Universe

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



76.6452, 75.4993, 83.9356



83.0594, 80.8090, 90.1355



81.3001, 88.4593, 79.8088



16.7457, 16.5811, 18.4075



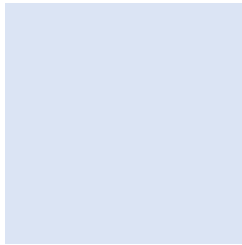
21.3004, 10.8636, 6.2901



1.9194, 0.9737, 0.8021

Previews

White Background



This preview shows how the XYZ color 73.2860, 77.0785, 96.6030 looks on a white background.

Color Contrast Check

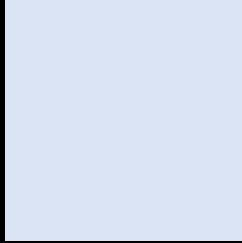
Large Text (above 18pt) WCAG AA × Fail

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 73.2860, 77.0785, 96.6030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

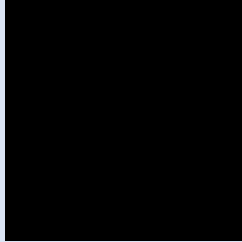
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

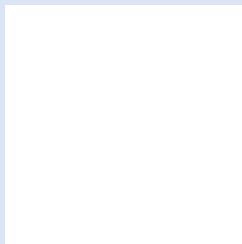
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2860, 77.0785, 96.6030

Background



This preview shows how black text looks on a background with the XYZ color 73.2860, 77.0785, 96.6030.



This preview shows how white text looks on a background with the XYZ color 73.2860, 77.0785,

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

73.2860, 77.0785, 96.6030

Protanopia

75.0526, 77.1947, 95.7384

Deuteranopia

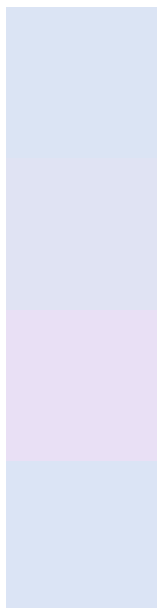
78.6135, 77.0062, 97.1065



Tritanopia

73.5914, 77.2007, 98.2113

Trichromacy



Original Color

73.2860, 77.0785, 96.6030

Protanomaly

74.3872, 77.2565, 95.7854

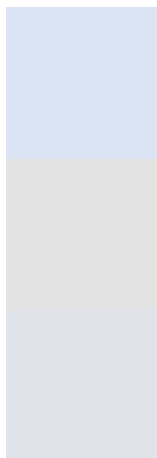
Deuteranomaly

76.7414, 77.2275, 97.2479

Tritanomaly

73.4383, 77.1394, 97.4050

Monochromacy



Original Color

73.2860, 77.0785, 96.6030

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.9175, 76.6687, 88.0462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2860, 77.0785, 96.6030 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(219, 228, 244) looks like.

```
.text, #text, p{  
    color:rgb(219, 228, 244)  
}
```

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(219, 228, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 228, 244) }
```

Border

The CSS property to change the border of an element to XYZ 73.2860, 77.0785, 96.6030 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(219, 228, 244) }
```


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

```
.border{ border-color:rgb(219, 228, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 228, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 228, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 228, 244);  
box-shadow:4px 4px 4px 4px rgb(219, 228,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2860, 77.0785, 96.6030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 228, 244) }
```

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

```
.background{ background-color: rgb(219,  
228, 244) }
```

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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