

Converting Colors

XYZ(72.3582, 76.4420, 94.3539)

Have a look what the booklet for
XYZ(72.3582, 76.4420, 94.3539)
contains.

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Color

**XYZ(72.2597, 76.1945,
94.1176)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE3F1
RGB	218, 227, 241
RGB Percent	85%, 89%, 95%
CMY	0.1451, 0.1098, 0.0549
CMYK	0.10, 0.06, 0.00, 0.05
HSL	217°, 45%, 90%
HSV	217°, 10%, 95%
XYZ	72.2597, 76.1945, 94.1176
YIQ	225.9050, -9.8580, 2.4460

Conversions

Conversions Part 2

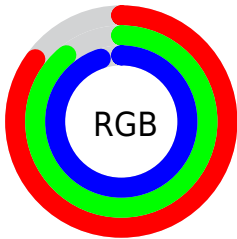
Format	Color
R _Y B	218, 224, 241
Decimal	14345201
CIE Lab	89.95, -0.34, -7.85
CIE LCh	90, 7.853, 267.530
Yxy	76.1945, 0.2979, 0.3141
Android (android.graphics.Color)	4292535281 (0xFFDAE3F1)
YUV	225.9050, 7.4418, -6.9327
Hunter-Lab	87.2895, -4.9912, -2.8253

Details

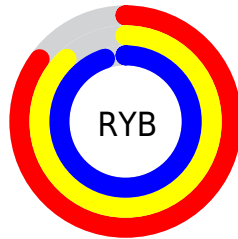
The XYZ color **72.2597, 76.1945, 94.1176** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.7874, 81.4753, 77.9574**, and the grayscale version is **72.1750, 75.9337, 82.6918**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6137, 40.7944, 51.7379** is the 20% darker color. If you saturate the color by 10%, you get **61.7287, 65.0640, 92.5254**, and if you desaturate by 10%, it is **84.1848, 88.5550, 95.8761**.

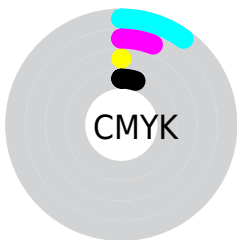
Distribution



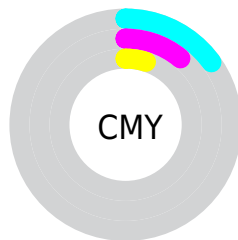
- Red (85%)
- Green (89%)
- Blue (95%)



- Red (85%)
- Yellow (88%)
- Blue (95%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.2597, 76.1945, 94.1176 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 72.2597, 76.1945, 94.1176 by changing the saturation by 10% instead.

■ 72.2597, 76.1945,
94.1176

■ 72.2597, 76.1945,
94.1176

457.5886,
482.0132, 562.2482

■ 53.6571, 56.5920,
70.8079

121.4345,
128.0018, 155.0300

■ 38.5571, 40.6778,
51.7046

152.7374,
160.9754, 193.4699

■ 26.5946, 28.0674,
36.3891

189.0044,
199.1748, 237.7903

■ 17.4040, 18.3765,
24.4428

230.6008,
242.9845, 288.4096

■ 10.6200, 11.2206,
15.4472

277.8921,
292.7888, 345.7466

■ 5.8773, 6.2154,
8.9837

331.2436,

■ 2.8106, 2.9765,

348.9721, 410.2196

4.6339

391.0207,
411.9188, 482.2473

■ 1.0544, 1.1195,
1.9791

■ 0.0000, 0.0000,
0.5424

■ 72.2597, 76.1945,
94.1176

■ 72.2597, 76.1945,
94.1176

■ 61.7287, 65.0640,
92.5254

■ 84.1848, 88.5550,
95.8761

■ 52.5316, 55.1138,
91.0896

■ 92.8774, 99.1310,
97.4593

■ 44.6134, 46.3045,
89.8066

■ 37.9128, 38.5909,
88.6708

■ 32.3628, 31.9241,
87.6765

■ 27.8895, 26.2510,
86.8173

■ 24.4093, 21.5129,
86.0862

■ 21.8244, 17.6425,
85.4753

■ 19.9844, 14.5445,
84.9743

Harmonies

Analogous

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



70.4334, 76.1945, 92.3207



72.2597, 76.1945, 94.1176



74.1611, 76.1945, 92.8167

Triad

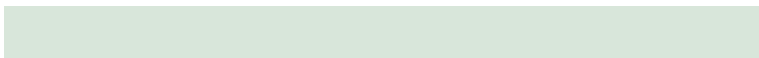
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.2597, 76.1945, 94.1176



75.7841, 76.1945, 78.1152



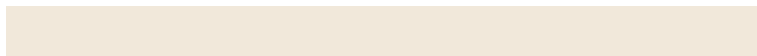
69.3143, 76.1945, 77.3505

Complementary

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



72.2597, 76.1945, 94.1176



77.7874, 81.4753, 77.9574

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.



70.7075, 76.1945, 73.8323



72.2597, 76.1945, 94.1176



74.4448, 76.1945, 74.2598

Square

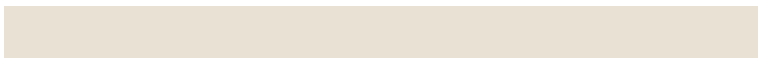
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.2597, 76.1945, 94.1176



76.2174, 76.1945, 83.4248



72.5817, 76.1945, 72.7263



68.7520, 76.1945, 82.5026

Rectangle

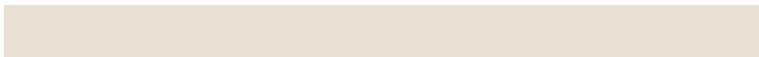
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.2597, 76.1945, 94.1176



75.2113, 76.1945, 90.3986



72.5817, 76.1945, 72.7263



69.6998, 76.1945, 75.9465

Sweetspot

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



72.2619, 76.1977, 94.1193



90.8241, 95.6434, 108.2818



74.9071, 83.6321, 88.3909



19.2037, 20.2271, 23.1420



0.0000, 0.0000, 0.0000



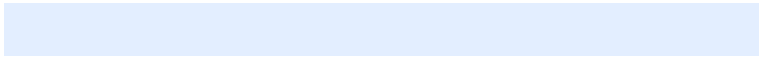
20.3446, 21.4041, 23.3091

Same Dimension

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



72.2619, 76.1977, 94.1193



80.2670, 84.6513, 106.7165



70.5560, 71.7575, 93.3522



15.4048, 16.2437, 20.0450



10.9189, 8.0620, 46.1085



1.0024, 0.8588, 3.8672

Inverse Universe

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



75.2139, 74.3912, 83.0715



84.1178, 82.3398, 92.2949



79.6068, 86.2724, 78.7875



16.0290, 15.8613, 17.7089



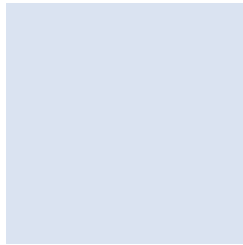
20.8370, 10.6072, 7.0580



1.7809, 0.9014, 0.8372

Previews

White Background



This preview shows how the XYZ color 72.2597, 76.1945, 94.1176 looks on a white background.

Color Contrast Check

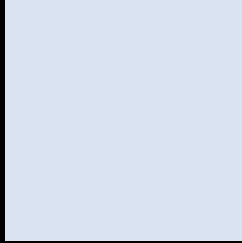
Large Text (above 18pt) WCAG AA × Fail

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 72.2597, 76.1945, 94.1176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

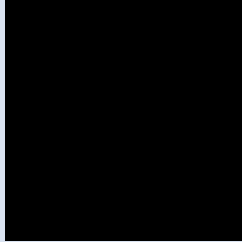
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

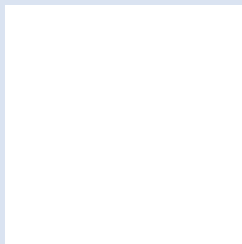
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.2597, 76.1945, 94.1176

Background



This preview shows how black text looks on a background with the XYZ color 72.2597, 76.1945, 94.1176.

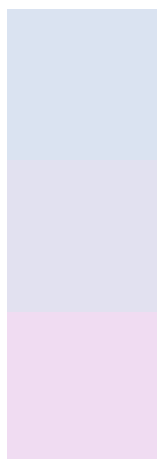


This preview shows how white text looks on a background with the XYZ color 72.2597, 76.1945,

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

72.2597, 76.1945, 94.1176

Protanopia

74.0174, 76.3104, 93.2663

Deuteranopia

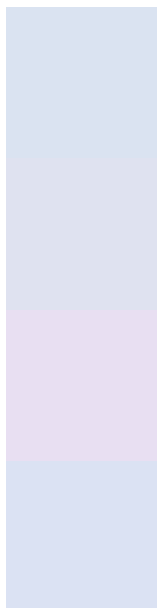
77.5554, 76.1225, 94.6099



Tritanopia

72.7389, 75.9844, 96.4207

Trichromacy



Original Color

72.2597, 76.1945, 94.1176

Protanomaly

73.3560, 76.3720, 93.3131

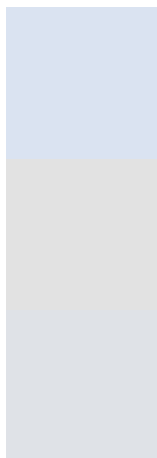
Deuteranomaly

75.6934, 76.3420, 94.7504

Tritanomaly

72.5874, 75.9238, 95.6230

Monochromacy



Original Color

72.2597, 76.1945, 94.1176

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.0516, 75.8502, 86.4443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2597, 76.1945, 94.1176 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(218, 227, 241)` looks like.

```
.text, #text, p{  
    color:rgb(218, 227, 241)  
}
```

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(218, 227, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 227, 241) }
```

Border

The CSS property to change the border of an element to XYZ 72.2597, 76.1945, 94.1176 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(218, 227, 241) }
```


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

```
.border{ border-color:rgb(218, 227, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 227, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 227, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 227, 241);  
box-shadow:4px 4px 4px 4px rgb(218, 227,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2597, 76.1945, 94.1176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 227, 241) }
```

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

```
.background{ background-color: rgb(218,  
227, 241) }
```

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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