

Converting Colors

XYZ(73.4725, 76.2919, 95.8091)

Have a look what the booklet for
XYZ(73.4725, 76.2919, 95.8091)
contains.

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Color

**XYZ(73.4982, 76.3934,
95.6656)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE2F3
RGB	222, 226, 243
RGB Percent	87%, 89%, 95%
CMY	0.1294, 0.1137, 0.0471
CMYK	0.09, 0.07, 0.00, 0.05
HSL	229°, 47%, 91%
HSV	229°, 9%, 95%
XYZ	73.4982, 76.3934, 95.6656
YIQ	226.7420, -7.8410, 4.4390

Conversions

Conversions Part 2

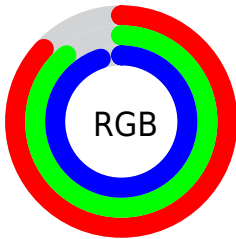
Format	Color
R _Y B	222, 225, 243
Decimal	14607091
CIE Lab	90.04, 1.86, -8.73
CIE LCh	90, 8.921, 282.015
Yxy	76.3934, 0.2993, 0.3111
Android (android.graphics.Color)	4292797171 (0xFFDEE2F3)
YUV	226.7420, 8.0152, -4.1587
Hunter-Lab	87.4033, -2.8536, -3.7124

Details

The XYZ color **73.4982, 76.3934, 95.6656** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.0136, 86.0608, 81.4501**, and the grayscale version is **72.7759, 76.5659, 83.3802**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4689, 40.9292, 52.8336** is the 20% darker color. If you saturate the color by 10%, you get **61.5407, 62.7418, 93.6620**, and if you desaturate by 10%, it is **87.1463, 91.8313, 97.9273**.

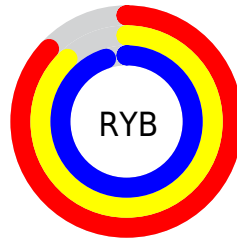
Distribution



Red (87%)

Green (89%)

Blue (95%)



Red (87%)

Yellow (88%)

Blue (95%)

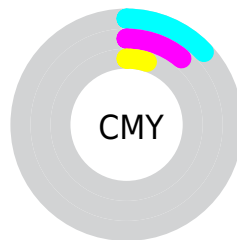


Cyan (9%)

Magenta (7%)

Yellow (0%)

Black (5%)



Cyan (13%)

Magenta (11%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4982, 76.3934, 95.6656 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 73.4982, 76.3934, 95.6656 by changing the saturation by 10% instead.

73.4982, 76.3934,
95.6656

73.4982, 76.3934,
95.6656

461.8168,
482.6933, 567.3323

54.6733, 56.7552,
72.0891

123.1835,
128.2828, 157.1873

39.3730, 40.8087,
52.7442

154.7746,
161.3028, 195.9696

27.2320, 28.1696,
37.2123

191.3518,
199.5522, 240.6577

17.8851, 18.4536,
25.0748

233.2805,
243.4153, 291.6700

10.9667, 11.2761,
15.9133

280.9260,
293.2766, 349.4250

6.1116, 6.2529,
9.3091

334.6536,

2.9543, 2.9994,

349.5204, 414.3414

4.8438

394.8288,
412.5312, 486.8377

■ 1.1297, 1.1314,
2.0988

■ 0.0497, 0.0046,
0.6150

■ 73.4982, 76.3934,
95.6656

■ 73.4982, 76.3934,
95.6656

■ 61.5407, 62.7418,
93.6620

■ 87.1463, 91.8313,
97.9273

■ 51.2008, 50.8021,
91.9024

■ 93.1779, 99.2512,
99.0415

■ 42.4100, 40.5087,
90.3789

■ 35.0923, 31.7880,
89.0813

■ 29.1649, 24.5609,
87.9987

■ 24.5369, 18.7411,
87.1193

■ 21.1060, 14.2328,
86.4299

■ 18.7535, 10.9276,
85.9160

■ 17.3174, 8.6889,
85.5595

Harmonies

Analogous

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



71.3048, 76.3934, 95.3057



73.4982, 76.3934, 95.6656



75.4925, 76.3934, 92.5574

Triad

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



73.4982, 76.3934, 95.6656



75.8143, 76.3934, 75.2933



68.6406, 76.3934, 79.4763

Complementary

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



73.4982, 76.3934, 95.6656



81.0136, 86.0608, 81.4501

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.



69.8011, 76.3934, 74.4573



73.4982, 76.3934, 95.6656



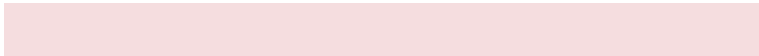
73.9303, 76.3934, 72.1280

Square

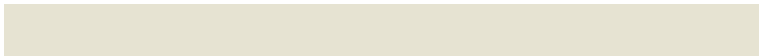
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4982, 76.3934, 95.6656



76.8477, 76.3934, 80.6706



71.7283, 76.3934, 71.8299



68.5303, 76.3934, 85.7397

Rectangle

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



73.4982, 76.3934, 95.6656



76.4289, 76.3934, 89.0245



71.7283, 76.3934, 71.8299



68.9197, 76.3934, 77.5959

Sweetspot

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



73.5004, 76.3966, 95.6673



90.3478, 94.6908, 108.1231



77.7265, 85.8522, 93.9822



19.0755, 19.9707, 23.0993



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.



73.5004, 76.3966, 95.6673



80.0487, 83.0120, 106.4116



74.3904, 75.2581, 95.4006



15.8368, 16.4379, 20.8807



9.4944, 4.7825, 46.9607



0.9021, 0.5557, 4.1499

Inverse Universe

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



76.8126, 76.7898, 82.7287



84.3011, 83.5370, 89.7955



80.0616, 87.3293, 81.7451



16.6282, 16.5341, 17.7887



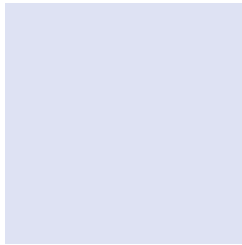
20.5968, 10.5822, 2.5853



1.8444, 0.9437, 0.4071

Previews

White Background



This preview shows how the XYZ color 73.4982, 76.3934, 95.6656 looks on a white background.

Color Contrast Check

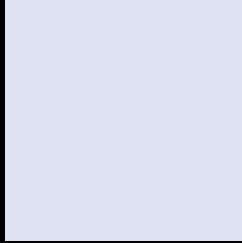
Large Text (above 18pt) WCAG AA × Fail

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 73.4982, 76.3934, 95.6656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

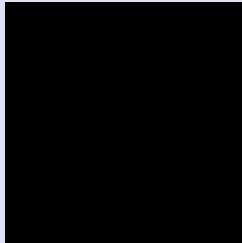
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.4982, 76.3934, 95.6656

Background



This preview shows how black text looks on a background with the XYZ color 73.4982, 76.3934, 95.6656.



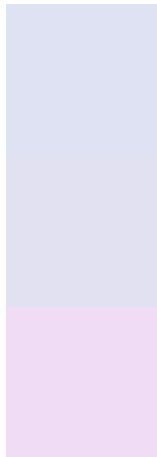
This preview shows how white text looks on a background with the XYZ color 73.4982, 76.3934,

95.6656.

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

73.4982, 76.3934, 95.6656

Protanopia

74.3163, 76.4300, 94.8400

Deuteranopia

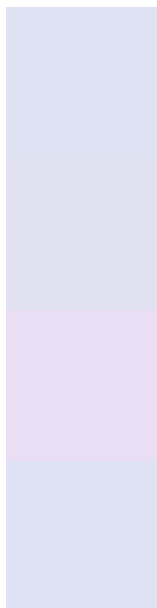
77.8575, 76.2433, 96.2008



Tritanopia

73.6497, 76.4540, 96.4633

Trichromacy



Original Color

73.4982, 76.3934, 95.6656

Protanomaly

74.0036, 76.2688, 94.8253

Deuteranomaly

76.0547, 76.0978, 96.2678

Tritanomaly

73.6497, 76.4540, 96.4633

Monochromacy



Original Color

73.4982, 76.3934, 95.6656

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.2284, 76.8289, 88.0607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4982, 76.3934, 95.6656 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(222, 226, 243)` looks like.

```
.text, #text, p{  
    color:rgb(222, 226, 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(222, 226, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 226, 243) }
```

Border

The CSS property to change the border of an element to XYZ 73.4982, 76.3934, 95.6656 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(222, 226, 243) }
```


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

```
.border{ border-color:rgb(222, 226, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 226, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 226, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 226, 243);  
box-shadow:4px 4px 4px 4px rgb(222, 226,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4982, 76.3934, 95.6656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 226, 243) }
```

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

```
.background{ background-color: rgb(222,  
226, 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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