

Converting Colors

XYZ(73.4209, 75.2193, 95.5315)

Have a look what the booklet for
XYZ(73.4209, 75.2193, 95.5315)
contains.

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Color

**XYZ(73.3058, 75.0937,
95.4249)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DFF3
RGB	224, 223, 243
RGB Percent	88%, 87%, 95%
CMY	0.1216, 0.1255, 0.0471
CMYK	0.08, 0.08, 0.00, 0.05
HSL	243°, 45%, 91%
HSV	243°, 8%, 95%
XYZ	73.3058, 75.0937, 95.4249
YIQ	225.5790, -5.8240, 6.4320

Conversions

Conversions Part 2

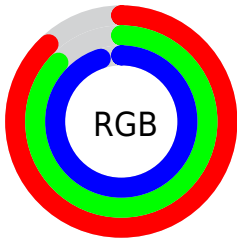
Format	Color
R_{YB}	224, 223, 243
Decimal	14737395
CIE _{Lab}	89.44, 4.06, -9.61
CIE _{LCh}	89, 10.431, 292.924
Yxy	75.0937, 0.3006, 0.3080
Android (android.graphics.Color)	4292927475 (0xFFE0DFF3)
YUV	225.5790, 8.5886, -1.3848
Hunter-Lab	86.6566, -0.6498, -4.6296

Details

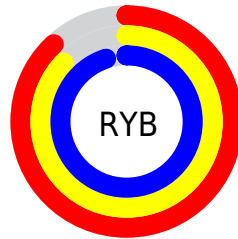
The XYZ color **73.3058, 75.0937, 95.4249** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.9906, 88.3081, 82.5395**, and the grayscale version is **71.9297, 75.6757, 82.4108**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3345, 40.0281, 52.6668** is the 20% darker color. If you saturate the color by 10%, you get **60.5975, 59.5879, 93.1029**, and if you desaturate by 10%, it is **87.9219, 92.9702, 98.1062**.

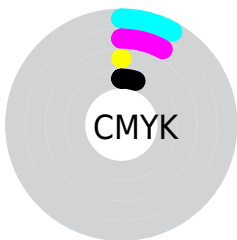
Distribution



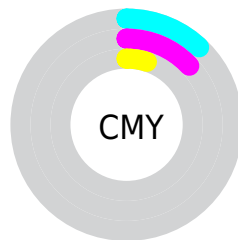
- Red (88%)
- Green (87%)
- Blue (95%)



- Red (88%)
- Yellow (87%)
- Blue (95%)



- Cyan (8%)
- Magenta (8%)
- Yellow (0%)
- Black (5%)



- Cyan (12%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3058, 75.0937, 95.4249 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 73.3058, 75.0937, 95.4249 by changing the saturation by 10% instead.

■ 73.3058, 75.0937,
95.4249

■ 73.3058, 75.0937,
95.4249

461.1614,
478.2396, 566.5434

■ 54.5153, 55.6897,
71.8898

122.9120,
126.4450, 156.8521

■ 39.2461, 39.9542,
52.5824

154.4585,
159.1610, 195.5813

■ 27.1328, 27.5028,
37.0841

190.9876,
197.0832, 240.2124

■ 17.8101, 17.9512,
24.9763

232.8649,
240.5958, 291.1637

■ 10.9126, 10.9150,
15.8405

280.4555,
290.0834, 348.8540

■ 6.0750, 6.0097,
9.2582

334.1249,

■ 2.9318, 2.8510,

345.9303, 413.7016

4.8109

394.2384,
408.5209, 486.1253

■ 1.1178, 1.0544,
2.0800

■ 0.0399, 0.0000,
0.6038

■ 73.3058, 75.0937,
95.4249

■ 73.3058, 75.0937,
95.4249

■ 60.5975, 59.5879,
93.1029

■ 87.9219, 92.9702,
98.1062

■ 49.7121, 46.3441,
91.1204

■ 93.1779, 99.2512,
99.0415

■ 40.5678, 35.2597,
89.4628

■ 33.0743, 26.2200,
88.1129

■ 27.1331, 19.1000,
87.0518

■ 22.6351, 13.7609,
86.2583

■ 19.4571, 10.0451,
85.7085

■ 17.4554, 7.7676,
85.3745

■ 16.4418, 6.6765,
85.2173

Harmonies

Analogous

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



70.7706, 75.0937, 96.5427



73.3058, 75.0937, 95.4249



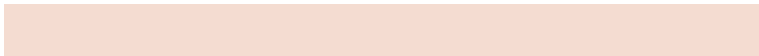
75.3676, 75.0937, 90.5466

Triad

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



73.3058, 75.0937, 95.4249



74.3784, 75.0937, 71.0408



66.6074, 75.0937, 80.0427

Complementary

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



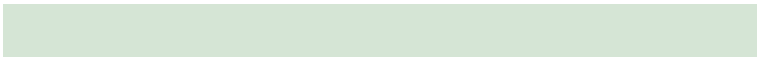
73.3058, 75.0937, 95.4249



81.9906, 88.3081, 82.5395

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.



67.5246, 75.0937, 73.5690



73.3058, 75.0937, 95.4249



71.9814, 75.0937, 68.5766

Square

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



73.3058, 75.0937, 95.4249



75.9971, 75.0937, 76.4034



69.4770, 75.0937, 69.4739



66.9429, 75.0937, 87.3702

Rectangle

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



73.3058, 75.0937, 95.4249



76.1761, 75.0937, 85.9672



69.4770, 75.0937, 69.4739



66.7787, 75.0937, 77.7006

Sweetspot

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



73.3080, 75.0969, 95.4266



91.6842, 95.8816, 108.2825



78.4628, 85.8638, 97.2331



19.6594, 20.5657, 23.1834



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.



73.3080, 75.0969, 95.4266



79.0890, 80.4866, 105.9748



76.3903, 76.6859, 95.5708



15.6576, 15.9661, 20.7991



8.9950, 3.6114, 46.7610



0.8170, 0.3310, 4.1111

Inverse Universe

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



79.3794, 78.2441, 94.9270



87.2439, 84.7141, 105.2917



78.7591, 86.6423, 82.3883



17.1759, 16.7532, 20.6726



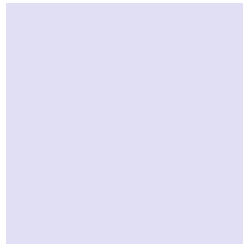
28.2091, 13.6271, 42.6710



2.4901, 1.2020, 3.8072

Previews

White Background



This preview shows how the XYZ color 73.3058, 75.0937, 95.4249 looks on a white background.

Color Contrast Check

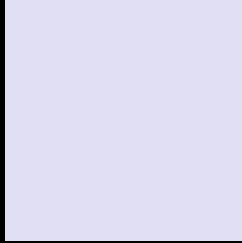
Large Text (above 18pt) WCAG AA × Fail

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 73.3058, 75.0937, 95.4249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

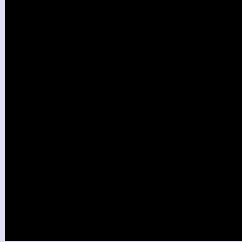
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.3058, 75.0937, 95.4249

Background



This preview shows how black text looks on a background with the XYZ color 73.3058, 75.0937, 95.4249.



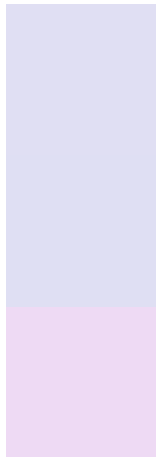
This preview shows how white text looks on a background with the XYZ color 73.3058, 75.0937,

95.4249.

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

73.3058, 75.0937, 95.4249

Protanopia

72.9968, 74.9344, 95.4105

Deuteranopia

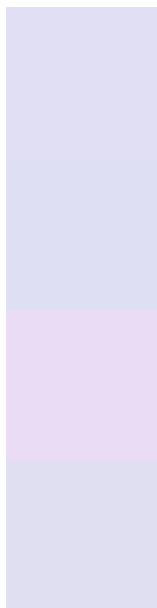
76.6604, 74.8516, 95.9953



Tritanopia

73.0053, 74.9735, 93.8426

Trichromacy



Original Color

73.3058, 75.0937, 95.4249

Protanomaly

72.9968, 74.9344, 95.4105

Deuteranomaly

75.5266, 75.0417, 96.0918

Tritanomaly

73.1552, 75.0335, 94.6316

Monochromacy



Original Color

73.3058, 75.0937, 95.4249

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.5420, 75.6842, 87.1291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3058, 75.0937, 95.4249 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(224, 223, 243) looks like.

```
.text, #text, p{  
    color:rgb(224, 223, 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(224, 223, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 223, 243) }
```

Border

The CSS property to change the border of an element to XYZ 73.3058, 75.0937, 95.4249 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(224, 223, 243) }
```


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

```
.border{ border-color:rgb(224, 223, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 223, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 223, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 223, 243);  
box-shadow:4px 4px 4px 4px rgb(224, 223,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3058, 75.0937, 95.4249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 223, 243) }
```

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

```
.background{ background-color: rgb(224,  
223, 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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