

Converting Colors

XYZ(73.2306, 75.0165, 94.8214)

Have a look what the booklet for
XYZ(73.2306, 75.0165, 94.8214)
contains.

XYZ(73.1552, 75.0335, 94.6316)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.1552, 75.0335,
94.6316)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DFF2
RGB	224, 223, 242
RGB Percent	88%, 87%, 95%
CMY	0.1216, 0.1255, 0.0510
CMYK	0.07, 0.08, 0.00, 0.05
HSL	243°, 42%, 91%
HSV	243°, 8%, 95%
XYZ	73.1552, 75.0335, 94.6316
YIQ	225.4650, -5.5030, 6.1210

Conversions

Conversions Part 2

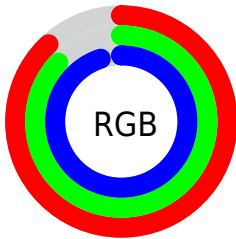
Format	Color
R_{YB}	224, 223, 242
Decimal	14737394
CIE Lab	89.41, 3.87, -9.12
CIE LCh	89, 9.911, 292.986
Yxy	75.0335, 0.3013, 0.3090
Android (android.graphics.Color)	4292927474 (0xFFE0DFF2)
YUV	225.4650, 8.1518, -1.2848
Hunter-Lab	86.6219, -0.8388, -4.1371

Details

The XYZ color **73.1552, 75.0335, 94.6316** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.3498, 87.5347, 82.4241**, and the grayscale version is **71.8505, 75.5923, 82.3201**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2277, 39.9855, 52.1048** is the 20% darker color. If you saturate the color by 10%, you get **60.5125, 59.5956, 92.3193**, and if you desaturate by 10%, it is **87.6848, 92.8200, 97.3001**.

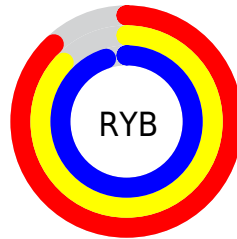
Distribution



Red (88%)

Green (87%)

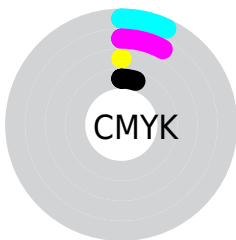
Blue (95%)



Red (88%)

Yellow (87%)

Blue (95%)

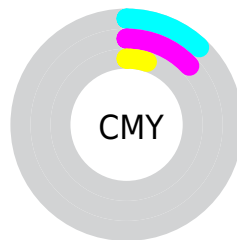


Cyan (7%)

Magenta (8%)

Yellow (0%)

Black (5%)



Cyan (12%)

Magenta (13%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.1552, 75.0335, 94.6316 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 73.1552, 75.0335, 94.6316 by changing the saturation by 10% instead.

■ 73.1552, 75.0335,
94.6316

■ 73.1552, 75.0335,
94.6316

460.6480,
478.0327, 563.9391

■ 54.3917, 55.6403,
71.2332

122.6995,
126.3598, 155.7467

■ 39.1468, 39.9146,
52.0495

154.2109,
159.0617, 194.3006

■ 27.0552, 27.4720,
36.6620

190.7024,
196.9686, 238.7433

■ 17.7515, 17.9280,
24.6522

232.5393,
240.4650, 289.4934

■ 10.8703, 10.8983,
15.6015

280.0870,
289.9352, 346.9695

■ 6.0464, 5.9985,
9.0913

333.7108,

■ 2.9142, 2.8442,

345.7636, 411.5902

4.7032

393.7760,
408.3347, 483.7738

■ 1.1086, 1.0509,
2.0185

■ 0.0323, 0.0000,
0.5666

■ 73.1552, 75.0335,
94.6316

■ 73.1552, 75.0335,
94.6316

■ 60.5125, 59.5956,
92.3193

■ 87.6848, 92.8200,
97.3001

■ 49.6730, 46.3990,
90.3434

■ 93.0272, 99.1909,
98.2482

■ 40.5564, 35.3425,
88.6898

■ 33.0739, 26.3132,
87.3413

■ 27.1289, 19.1880,
86.2793

■ 22.6143, 13.8303,
85.4832

■ 19.4094, 10.0855,
84.9292

■ 17.3735, 7.7720,
84.5900

■ 16.3263, 6.6489,
84.4284

Harmonies

Analogous

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



70.7487, 75.0335, 95.6958



73.1552, 75.0335, 94.6316



75.1090, 75.0335, 90.0122

Triad

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



73.1552, 75.0335, 94.6316



74.1637, 75.0335, 71.4840



66.7845, 75.0335, 80.0775

Complementary

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



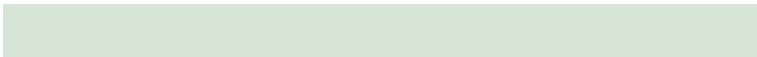
73.1552, 75.0335, 94.6316



81.3498, 87.5347, 82.4241

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.



67.6550, 75.0335, 73.9135



73.1552, 75.0335, 94.6316



71.8885, 75.0335, 69.1377

Square

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



73.1552, 75.0335, 94.6316



75.7004, 75.0335, 76.5895



69.5100, 75.0335, 70.0013



67.1063, 75.0335, 87.0303

Rectangle

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



73.1552, 75.0335, 94.6316



75.8736, 75.0335, 85.6724



69.5100, 75.0335, 70.0013



66.9467, 75.0335, 77.8499

Sweetspot

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



73.1574, 75.0367, 94.6333



91.6890, 95.8841, 108.2827



77.9309, 85.0409, 96.3127



19.6604, 20.5662, 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.



73.1574, 75.0367, 94.6333



80.6080, 82.3278, 106.2501



76.1687, 76.5891, 94.7742



14.9740, 15.2683, 19.8795



8.7304, 3.5061, 45.3445



0.7531, 0.3055, 3.7735

Inverse Universe

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



78.8854, 78.0068, 94.1219



87.9674, 86.1441, 105.5857



78.2065, 85.9143, 82.2770



16.4163, 16.0163, 19.7487



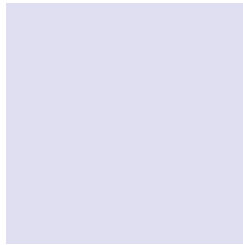
27.3082, 13.1957, 41.1350



2.2827, 1.1021, 3.4795

Previews

White Background



This preview shows how the XYZ color 73.1552, 75.0335, 94.6316 looks on a white background.

Color Contrast Check

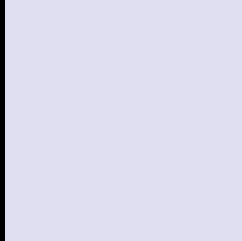
Large Text (above 18pt) WCAG AA × Fail

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 73.1552, 75.0335, 94.6316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

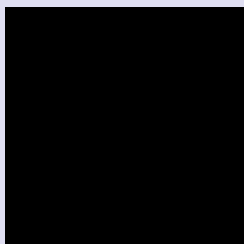
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

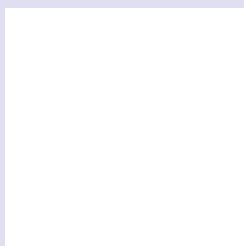
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.1552, 75.0335, 94.6316

Background



This preview shows how black text looks on a background with the XYZ color 73.1552, 75.0335, 94.6316.

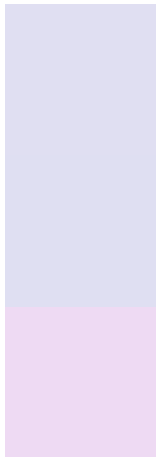


This preview shows how white text looks on a background with the XYZ color 73.1552, 75.0335,

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

73.1552, 75.0335, 94.6316

Protanopia

72.8461, 74.8741, 94.6172

Deuteranopia

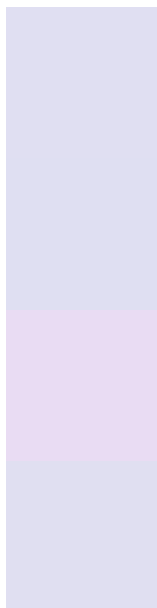
76.5090, 74.7910, 95.1977



Tritanopia

73.0053, 74.9735, 93.8426

Trichromacy



Original Color

73.1552, 75.0335, 94.6316

Protanomaly

72.8461, 74.8741, 94.6172

Deuteranomaly

75.3751, 74.9811, 95.2941

Tritanomaly

73.0053, 74.9735, 93.8426

Monochromacy



Original Color

73.1552, 75.0335, 94.6316

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.1308, 75.0884, 86.2931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1552, 75.0335, 94.6316 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(224, 223, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 223, 242) }
```

Border

The CSS property to change the border of an element to XYZ 73.1552, 75.0335, 94.6316 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, 242) }
```


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

```
.border{ border-color:rgb(224, 223, 242) }
```

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, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 223, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 223, 242);  
box-shadow:4px 4px 4px 4px rgb(224, 223,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1552, 75.0335, 94.6316 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, 242) }
```

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

```
.background{ background-color: rgb(224,  
223, 242) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor