

Converting Colors

XYZ(73.3545, 77.2251,
100.5091)

Have a look what the booklet for
XYZ(73.3545, 77.2251, 100.5091)
contains.

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Color

**XYZ(73.1612, 76.9253,
100.6146)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D8E4F9 |
| RGB | 216, 228, 249 |
| RGB Percent | 85%, 89%, 98% |
| CMY | 0.1529, 0.1059, 0.0235 |
| CMYK | 0.13, 0.08, 0.00, 0.02 |
| HSL | 218°, 73%, 91% |
| HSV | 218°, 13%, 98% |
| XYZ | 73.1612, 76.9253, 100.6146 |
| YIQ | 226.8060, -13.8930, 3.9870 |

Conversions

Conversions Part 2

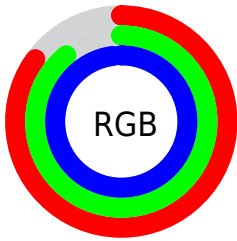
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 216, 225, 249 |
| Decimal | 14214393 |
| CIE Lab | 90.29, 0.10, -11.55 |
| CIE LCh | 90, 11.550, 270.477 |
| Yxy | 76.9253, 0.2918, 0.3068 |
| Android (android.graphics.Color) | 4292404473 (0xFFD8E4F9) |
| YUV | 226.8060, 10.9416, -9.4769 |
| Hunter-Lab | 87.7071, -4.5909, -6.6205 |

Details

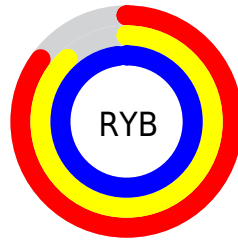
The XYZ color **73.1612, 76.9253, 100.6146** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.7462, 85.6657, 77.1939**, and the grayscale version is **72.8049, 76.5964, 83.4135**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2672, 41.3145, 56.3570** is the 20% darker color. If you saturate the color by 10%, you get **62.1946, 65.0972, 98.9108**, and if you desaturate by 10%, it is **85.6465, 90.1334, 102.5072**.

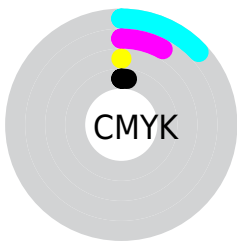
Distribution



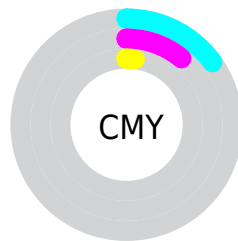
- Red (85%)
- Green (89%)
- Blue (98%)



- Red (85%)
- Yellow (88%)
- Blue (98%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (15%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.1612, 76.9253, 100.6146 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 73.1612, 76.9253, 100.6146 by changing the saturation by 10% instead.

■ 73.1612, 76.9253,
100.6146

■ 73.1612, 76.9253,
100.6146

460.6685,
484.5093, 583.4248

■ 54.3966, 57.1916,
76.1942

122.7079,
129.0340, 164.0608

■ 39.1508, 41.1591,
56.0841

154.2208,
162.1778, 203.9236

■ 27.0583, 28.4434,
39.8659

190.7138,
200.5604, 249.7709

■ 17.7538, 18.6602,
27.1210

232.5523,
244.5662, 302.0214

■ 10.8720, 11.4250,
17.4309

280.1017,
294.5796, 361.0935

■ 6.0475, 6.3534,
10.3770

333.7273,

■ 2.9149, 3.0612,

350.9850, 427.4057

5.5408

393.7944,
414.1668, 501.3767

■ 1.1089, 1.1638,
2.5037

■ 0.0326, 0.0318,
0.8421

■ 73.1612, 76.9253,
100.6146

■ 73.1612, 76.9253,
100.6146

■ 62.1946, 65.0972,
98.9108

■ 85.6465, 90.1334,
102.5072

■ 52.6792, 54.5922,
97.3846

■ 94.0991, 99.6196,
103.8927

■ 44.5524, 45.3636,
96.0316

■ 37.7439, 37.3579,
94.8452

■ 32.1772, 30.5175,
93.8183

■ 27.7667, 24.7790,
92.9431

■ 24.4150, 20.0720,
92.2112

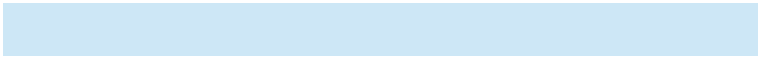
■ 22.0056, 16.3147,
91.6130

■ 20.8035, 14.2483,
91.2775

Harmonies

Analogous

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



70.4238, 76.9253, 98.3092



73.1612, 76.9253, 100.6146



75.9559, 76.9253, 98.1627

Triad

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



73.1612, 76.9253, 100.6146



77.9854, 76.9253, 75.9801



68.4080, 76.9253, 76.1941

Complementary

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



73.1612, 76.9253, 100.6146



81.7462, 85.6657, 77.1939

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.



70.3462, 76.9253, 70.8373



73.1612, 76.9253, 100.6146



75.8742, 76.9253, 70.7195

Square

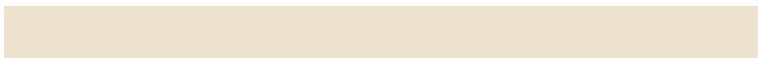
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.1612, 76.9253, 100.6146



78.7856, 76.9253, 83.6269



73.0692, 76.9253, 68.8988



67.7236, 76.9253, 83.8904

Rectangle

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



73.1612, 76.9253, 100.6146



77.4643, 76.9253, 94.2471



73.0692, 76.9253, 68.8988



68.9320, 76.9253, 74.0786

Sweetspot

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



73.1635, 76.9285, 100.6163



89.3609, 94.0454, 108.0505



77.4674, 88.4603, 93.0371



18.9043, 19.8956, 23.0938



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.



73.1635, 76.9285, 100.6163



73.8704, 77.6071, 105.6940



71.2927, 71.2310, 99.6152



16.7999, 17.6766, 21.9118



11.2585, 7.8726, 48.8997



1.1396, 0.9229, 4.5612

Inverse Universe

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



77.6282, 74.8546, 83.7594



79.4857, 75.1138, 84.4672



83.7884, 92.0512, 78.3188



17.5055, 17.3296, 19.2519



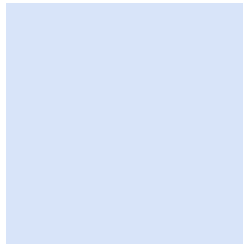
21.9748, 11.2056, 6.5758



2.0841, 1.0574, 0.8665

Previews

White Background



This preview shows how the XYZ color 73.1612, 76.9253, 100.6146 looks on a white background.

Color Contrast Check

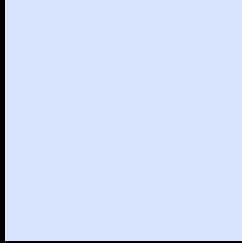
Large Text (above 18pt) WCAG AA × Fail

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 73.1612, 76.9253, 100.6146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

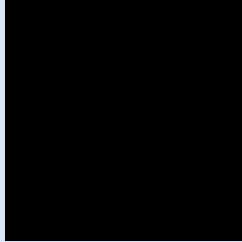
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

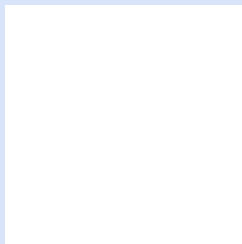
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.1612, 76.9253, 100.6146

Background



This preview shows how black text looks on a background with the XYZ color 73.1612, 76.9253, 100.6146.

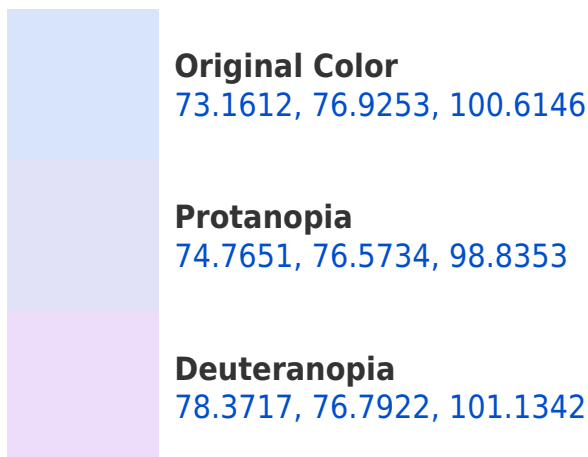


This preview shows how white text looks on a background with the XYZ color 73.1612, 76.9253,

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

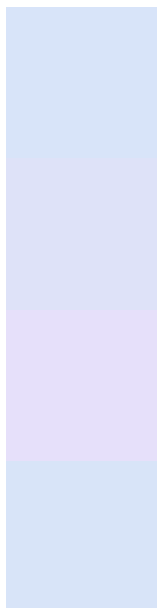




Tritanopia

72.8508, 76.8011, 98.9801

Trichromacy



Original Color

73.1612, 76.9253, 100.6146

Protanomaly

74.2638, 76.6996, 99.6973

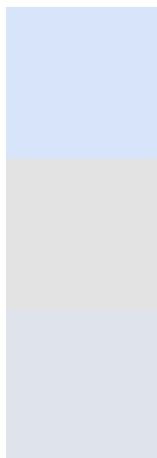
Deuteranomaly

76.5441, 77.0364, 101.2777

Tritanomaly

73.0056, 76.8630, 99.7952

Monochromacy



Original Color

73.1612, 76.9253, 100.6146

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.8959, 76.6243, 89.5452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1612, 76.9253, 100.6146 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(216, 228, 249)` looks like.

```
.text, #text, p{  
    color:rgb(216, 228, 249)  
}
```

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(216, 228, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 228, 249) }
```

Border

The CSS property to change the border of an element to XYZ 73.1612, 76.9253, 100.6146 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(216, 228, 249) }
```


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

```
.border{ border-color:rgb(216, 228, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 228, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 228, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 228, 249);  
box-shadow:4px 4px 4px 4px rgb(216, 228,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1612, 76.9253, 100.6146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 228, 249) }
```

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

```
.background{ background-color: rgb(216,  
228, 249) }
```

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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