

Converting Colors

XYZ(74.7750, 80.9499, 93.8686)

Have a look what the booklet for
XYZ(74.7750, 80.9499, 93.8686)
contains.

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Color

**XYZ(74.6499, 80.7680,
94.0934)**

Conversions

Conversions Part 1

Format	Color
Hex	DBEBF0
RGB	219, 235, 240
RGB Percent	86%, 92%, 94%
CMY	0.1412, 0.0784, 0.0588
CMYK	0.09, 0.02, 0.00, 0.06
HSL	194°, 41%, 90%
HSV	194°, 9%, 94%
XYZ	74.6499, 80.7680, 94.0934
YIQ	230.7860, -11.1410, -1.8370

Conversions

Conversions Part 2

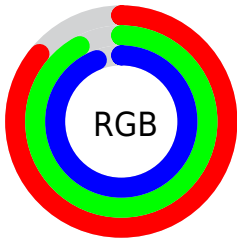
Format	Color
R _{YB}	219, 228, 240
Decimal	14412784
CIE Lab	92.03, -4.32, -4.24
CIE LCh	92, 6.058, 224.486
Yxy	80.7680, 0.2992, 0.3237
Android (android.graphics.Color)	4292602864 (0xFFDBEBF0)
YUV	230.7860, 4.5425, -10.3363
Hunter-Lab	89.8710, -9.0062, 0.8341

Details

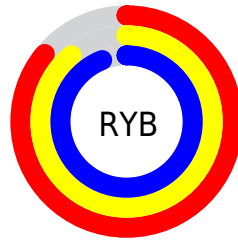
The XYZ color **74.6499, 80.7680, 94.0934** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.3773, 76.9505, 77.8992**, and the grayscale version is **75.7717, 79.7177, 86.8126**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0817, 43.5934, 51.6492** is the 20% darker color. If you saturate the color by 10%, you get **66.3355, 74.0957, 93.2450**, and if you desaturate by 10%, it is **84.0624, 88.0887, 95.0116**.

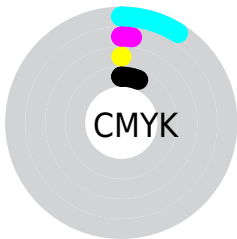
Distribution



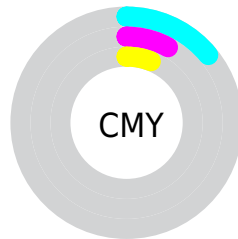
- Red (86%)
- Green (92%)
- Blue (94%)



- Red (86%)
- Yellow (89%)
- Blue (94%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (6%)



- Cyan (14%)
- Magenta (8%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6499, 80.7680, 94.0934 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 74.6499, 80.7680, 94.0934 by changing the saturation by 10% instead.

■ 74.6499, 80.7680,
94.0934

■ 74.6499, 80.7680,
94.0934

465.7291,
497.5173, 562.1685

■ 55.6193, 60.3505,
70.7879

124.8072,
134.4450, 154.9963

■ 40.1336, 43.7012,
51.6884

156.6646,
168.4733, 193.4308

■ 27.8274, 30.4357,
36.3762

193.5284,
207.8073, 237.7454

■ 18.3354, 20.1695,
24.4329

235.7638,
252.8315, 288.3586

■ 11.2922, 12.5183,
15.4399

283.7362,
303.9301, 345.6890

■ 6.3324, 7.0977,
8.9787

337.8110,

■ 3.0908, 3.5233,

361.4877, 410.1551

4.6306

398.3535,
425.8887, 482.1754

■ 1.2020, 1.4106,
1.9773

■ 0.1079, 0.2246,
0.5413

■ 74.6499, 80.7680,
94.0934

■ 74.6499, 80.7680,
94.0934

■ 66.3355, 74.0957,
93.2450

■ 84.0624, 88.0887,
95.0116

■ 59.0675, 68.0379,
92.4588

■ 90.0538, 93.7222,
95.7832

■ 52.8002, 62.5723,
91.7341

■ 91.8215, 97.2576,
96.3724

■ 47.4816, 57.6716,
91.0685

■ 92.7284, 99.0714,
96.6747

■ 43.0549, 53.3057,
90.4591

■ 39.4571, 49.4412,
89.9028

■ 36.6163, 46.0405,
89.3962

■ 34.4477, 43.0589,
88.9350

■ 32.8262, 40.4312,
88.5132

Harmonies

Analogous

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



73.9031, 80.7680, 90.1066



74.6499, 80.7680, 94.0934



75.9690, 80.7680, 96.4723

Triad

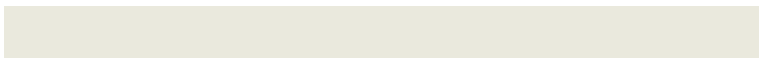
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6499, 80.7680, 94.0934



79.6908, 80.7680, 90.2576



76.0205, 80.7680, 79.8938

Complementary

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



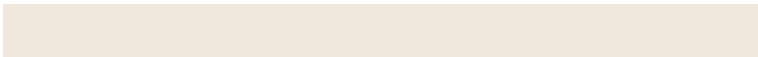
74.6499, 80.7680, 94.0934



75.3773, 76.9505, 77.8992

Split Complementary

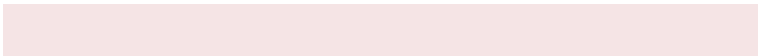
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.5717, 80.7680, 79.9311



74.6499, 80.7680, 94.0934



79.7051, 80.7680, 85.8136

Square

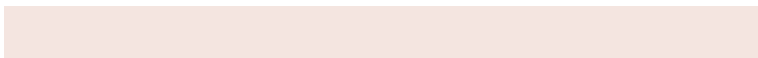
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



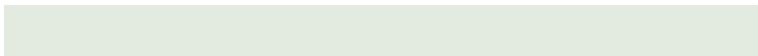
74.6499, 80.7680, 94.0934



78.8862, 80.7680, 94.2072



78.9249, 80.7680, 82.0659



74.6872, 80.7680, 81.9621

Rectangle

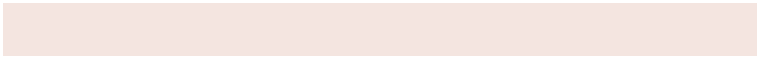
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



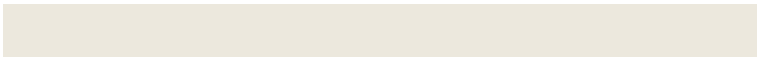
74.6499, 80.7680, 94.0934



77.0022, 80.7680, 96.7772



78.9249, 80.7680, 82.0659



76.5334, 80.7680, 79.6628

Sweetspot

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



74.6522, 80.7714, 94.0952



91.7134, 97.4220, 108.5783



73.8158, 82.7580, 82.5346



19.4438, 20.7073, 23.2221



0.0000, 0.0000, 0.0000



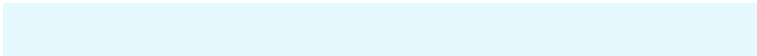
20.3446, 21.4041, 23.3091

Same Dimension

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



74.6522, 80.7714, 94.0952



84.3778, 91.6703, 107.8547



71.7601, 74.9871, 93.1311



15.9101, 17.2543, 20.2135



17.9758, 22.1759, 48.4608



1.5712, 1.9963, 4.0567

Inverse Universe

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



76.2639, 75.1880, 89.0944



86.4863, 84.4111, 101.3023



78.2595, 82.7147, 78.8599



16.2841, 15.9633, 19.0521



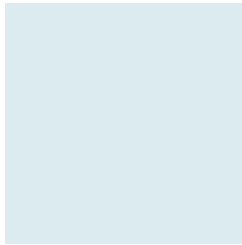
24.3990, 12.0320, 25.8153



2.0680, 1.0162, 2.3489

Previews

White Background



This preview shows how the XYZ color 74.6499, 80.7680, 94.0934 looks on a white background.

Color Contrast Check

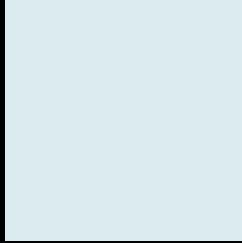
Large Text (above 18pt) WCAG AA × Fail

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 74.6499, 80.7680, 94.0934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

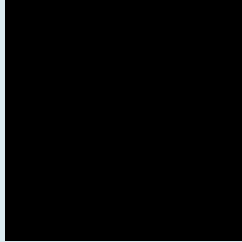
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

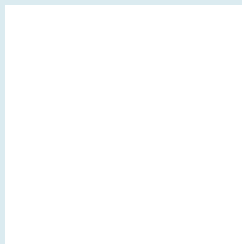
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6499, 80.7680, 94.0934

Background



This preview shows how black text looks on a background with the XYZ color 74.6499, 80.7680, 94.0934.

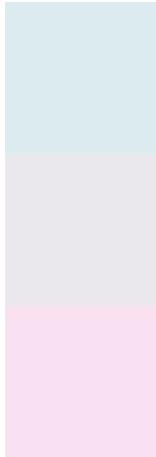


This preview shows how white text looks on a background with the XYZ color 74.6499, 80.7680,

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

74.6499, 80.7680, 94.0934

Protanopia

77.7937, 80.7587, 91.6086

Deuteranopia

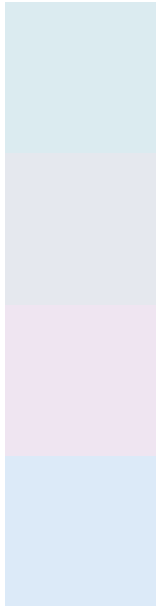
82.3766, 80.5852, 95.2172



Tritanopia

76.5284, 80.6783, 103.6344

Trichromacy



Original Color

74.6499, 80.7680, 94.0934

Protanomaly

76.6023, 80.5443, 92.3981

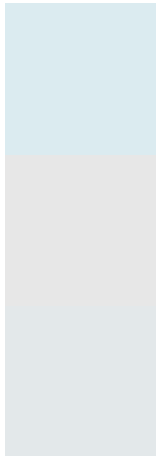
Deuteranomaly

79.4931, 80.7402, 94.6138

Tritanomaly

75.8813, 80.8386, 100.4110

Monochromacy



Original Color

74.6499, 80.7680, 94.0934

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.3864, 79.9846, 89.3072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6499, 80.7680, 94.0934 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(219, 235, 240)` looks like.

```
.text, #text, p{  
    color:rgb(219, 235, 240)  
}
```

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(219, 235, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 235, 240) }
```

Border

The CSS property to change the border of an element to XYZ 74.6499, 80.7680, 94.0934 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(219, 235, 240) }
```


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

```
.border{ border-color:rgb(219, 235, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 235, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 235, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 235, 240);  
box-shadow:4px 4px 4px 4px rgb(219, 235,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6499, 80.7680, 94.0934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 235, 240) }
```

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

```
.background{ background-color: rgb(219,  
235, 240) }
```

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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