

Converting Colors

XYZ(74.9928, 80.9306, 92.2134)

Have a look what the booklet for
XYZ(74.9928, 80.9306, 92.2134)
contains.

| | |
|--|----|
| XYZ(74.9597, 80.9619, 92.5653) | 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(74.9597, 80.9619,
92.5653)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DDEBEE |
| RGB | 221, 235, 238 |
| RGB Percent | 87%, 92%, 93% |
| CMY | 0.1333, 0.0784, 0.0667 |
| CMYK | 0.07, 0.01, 0.00, 0.07 |
| HSL | 191°, 33%, 90% |
| HSV | 191°, 7%, 93% |
| XYZ | 74.9597, 80.9619, 92.5653 |
| YIQ | 231.1560, -9.3070, -2.0350 |

Conversions

Conversions Part 2

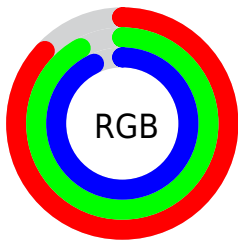
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 221, 229, 238 |
| Decimal | 14543854 |
| CIE Lab | 92.11, -4.06, -3.06 |
| CIE LCh | 92, 5.081, 217.019 |
| Yxy | 80.9619, 0.3017, 0.3258 |
| Android (android.graphics.Color) | 4292733934 (0xFFDDEBEE) |
| YUV | 231.1560, 3.3741, -8.9068 |
| Hunter-Lab | 89.9788, -8.7579, 1.9909 |

Details

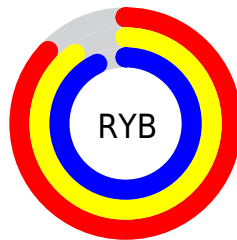
The XYZ color **74.9597, 80.9619, 92.5653** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.9668, 76.7081, 79.2627**, and the grayscale version is **76.0543, 80.0151, 87.1364**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2895, 43.7246, 50.5722** is the 20% darker color. If you saturate the color by 10%, you get **67.0346, 75.1166, 91.8560**, and if you desaturate by 10%, it is **83.9450, 87.4002, 93.3357**.

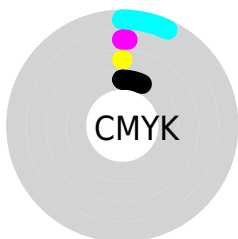
Distribution



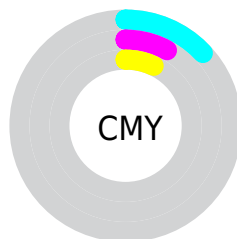
- Red (87%)
- Green (92%)
- Blue (93%)



- Red (87%)
- Yellow (90%)
- Blue (93%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9597, 80.9619, 92.5653 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 74.9597, 80.9619, 92.5653 by changing the saturation by 10% instead.

■ 74.9597, 80.9619,
92.5653

■ 74.9597, 80.9619,
92.5653

466.7784,
498.1686, 557.1248

■ 55.8739, 60.5102,
69.5246

125.2435,
134.7173, 152.8631

■ 40.3385, 43.8300,
50.6647

157.1723,
168.7898, 190.9573

■ 27.9879, 30.5369,
35.5669

194.1128,
208.1713, 234.9065

■ 18.4570, 20.2465,
23.8129

236.4303,
253.2463, 285.1291

■ 11.3802, 12.5743,
14.9839

284.4903,
304.3991, 342.0436

■ 6.3924, 7.1361,
8.6616

338.6581,

■ 3.1280, 3.5474,

362.0142, 406.0688

4.4274

399.2990,
426.4759, 477.6230

■ 1.2218, 1.4237,
1.8626

■ 0.1235, 0.2341,
0.4688

■ 74.9597, 80.9619,
92.5653

■ 74.9597, 80.9619,
92.5653

■ 67.0346, 75.1166,
91.8560

■ 83.9450, 87.4002,
93.3357

■ 60.1195, 69.8316,
91.2004

■ 88.8417, 91.7708,
93.9212

■ 54.1706, 65.0861,
90.5979

■ 90.1141, 94.3157,
94.3454

■ 49.1380, 60.8542,
90.0463

■ 91.4155, 96.9184,
94.7791

■ 44.9672, 57.1074,
89.5430

■ 92.4328, 98.9531,
95.1183

■ 41.5977, 53.8143,
89.0849

■ 38.9612, 50.9394,
88.6690

■ 36.9773, 48.4409,
88.2913

■ 35.5419, 46.2648,
87.9469

Harmonies

Analogous

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



74.4807, 80.9619, 89.0375



74.9597, 80.9619, 92.5653



75.9734, 80.9619, 94.9578

Triad

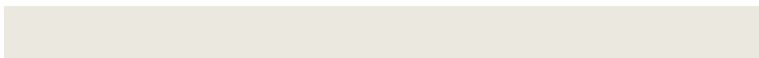
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9597, 80.9619, 92.5653



79.2924, 80.9619, 90.9981



76.6447, 80.9619, 81.1913

Complementary

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



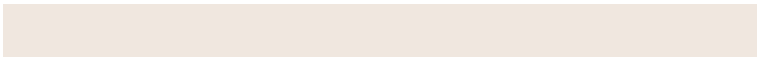
74.9597, 80.9619, 92.5653



74.9668, 76.7081, 79.2627

Split Complementary

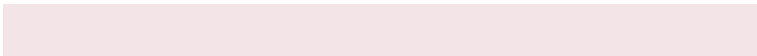
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.9387, 80.9619, 81.6827



74.9597, 80.9619, 92.5653



79.4770, 80.9619, 87.2758

Square

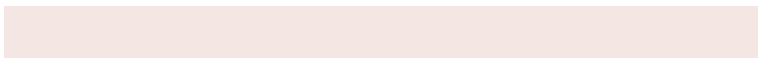
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9597, 80.9619, 92.5653



78.4772, 80.9619, 94.0352



78.9790, 80.9619, 83.8846



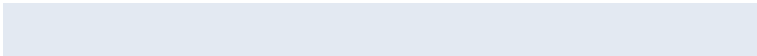
75.4464, 80.9619, 82.5227

Rectangle

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



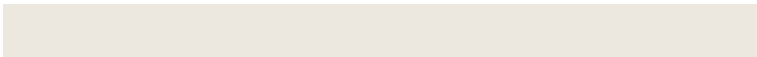
74.9597, 80.9619, 92.5653



76.8210, 80.9619, 95.5500



78.9790, 80.9619, 83.8846



77.0828, 80.9619, 81.1494

Sweetspot

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



74.9620, 80.9653, 92.5671



92.9124, 98.4734, 108.7180



73.8265, 81.8953, 82.3200



19.9095, 21.0934, 23.2720



0.0000, 0.0000, 0.0000



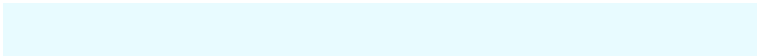
20.3446, 21.4041, 23.3091

Same Dimension

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



74.9620, 80.9653, 92.5671



85.8281, 93.3505, 108.1026



72.6306, 76.3024, 91.7899



15.9966, 17.4273, 20.2423



19.7154, 25.6550, 49.0407



1.7016, 2.2572, 4.1002

Inverse Universe

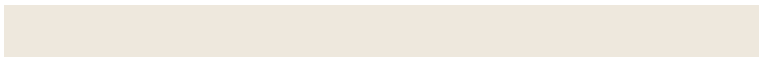
The Inverse Universe completely reimagines the original color for something new.



76.1135, 75.8897, 89.2379



87.5162, 85.9636, 103.2098



77.2628, 81.2999, 80.0280



16.3277, 15.9808, 19.2820



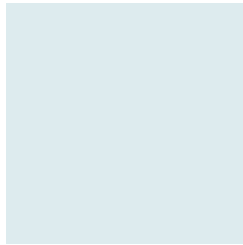
25.2770, 12.3832, 30.4391



2.1338, 1.0426, 2.6956

Previews

White Background



This preview shows how the XYZ color 74.9597, 80.9619, 92.5653 looks on a white background.

Color Contrast Check

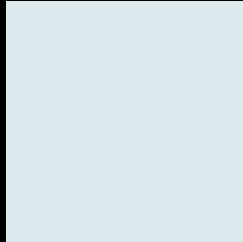
Large Text (above 18pt) WCAG AA × Fail

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 74.9597, 80.9619, 92.5653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

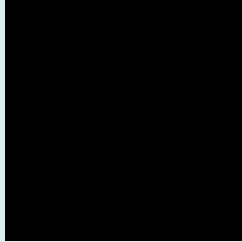
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

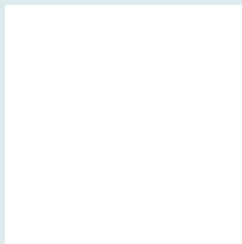
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9597, 80.9619, 92.5653

Background



This preview shows how black text looks on a background with the XYZ color 74.9597, 80.9619, 92.5653.



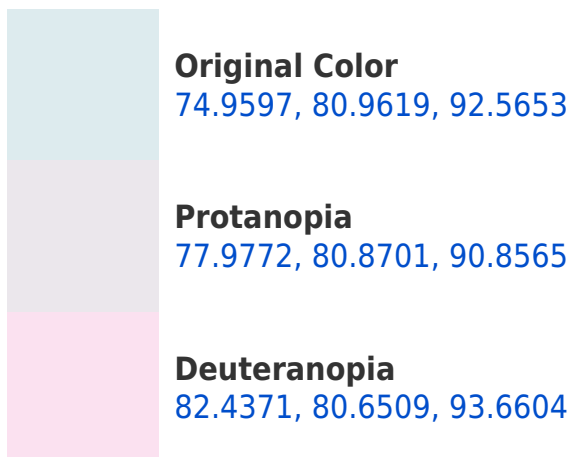
This preview shows how white text looks on a background with the XYZ color 74.9597, 80.9619,

92.5653.

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

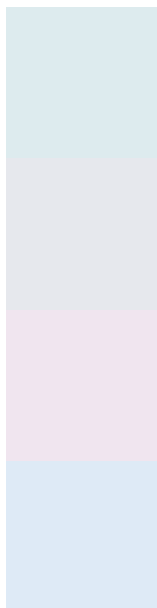




Tritanopia

76.9829, 80.9308, 102.8306

Trichromacy



Original Color

74.9597, 80.9619, 92.5653

Protanomaly

76.7758, 80.6506, 91.6414

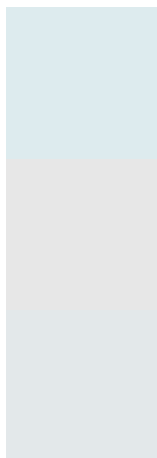
Deuteranomaly

79.5345, 80.7959, 93.0646

Tritanomaly

76.1816, 81.0291, 98.8138

Monochromacy



Original Color

74.9597, 80.9619, 92.5653

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 74.9597, 80.9619, 92.5653 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(221, 235, 238)` looks like.

```
.text, #text, p{  
    color:rgb(221, 235, 238)  
}
```

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(221, 235, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 235, 238) }
```

Border

The CSS property to change the border of an element to XYZ 74.9597, 80.9619, 92.5653 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(221, 235, 238) }
```


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

```
.border{ border-color:rgb(221, 235, 238) }
```

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

Here you see how a box with a 4 pixel rgb(221, 235, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 235, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 235, 238);  
box-shadow:4px 4px 4px 4px rgb(221, 235,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9597, 80.9619, 92.5653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 235, 238) }
```

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

```
.background{ background-color: rgb(221,  
235, 238) }
```

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