

Converting Colors

XYZ(74.6826, 80.3321, 92.1914)

Have a look what the booklet for
XYZ(74.6826, 80.3321, 92.1914)
contains.

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Color

**XYZ(74.6742, 80.3908,
92.4701)**

Conversions

Conversions Part 1

Format	Color
Hex	DDEAEE
RGB	221, 234, 238
RGB Percent	87%, 92%, 93%
CMY	0.1333, 0.0823, 0.0667
CMYK	0.07, 0.02, 0.00, 0.07
HSL	194°, 33%, 90%
HSV	194°, 7%, 93%
XYZ	74.6742, 80.3908, 92.4701
YIQ	230.5690, -9.0320, -1.5120

Conversions

Conversions Part 2

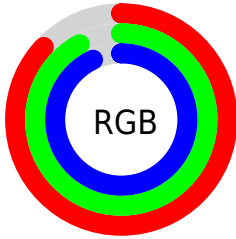
Format	Color
R _Y B	221, 228, 238
Decimal	14543598
CIE Lab	91.86, -3.55, -3.43
CIE LCh	92, 4.935, 224.079
Yxy	80.3908, 0.3017, 0.3248
Android (android.graphics.Color)	4292733678 (0xFFDDEAEE)
YUV	230.5690, 3.6635, -8.3920
Hunter-Lab	89.6609, -8.2427, 1.6150

Details

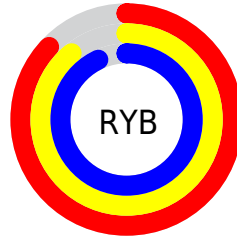
The XYZ color **74.6742, 80.3908, 92.4701** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **75.2365, 77.2474, 79.3528**, and the grayscale version is **75.6158, 79.5537, 86.6340**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0898, 43.3252, 50.5056** is the 20% darker color. If you saturate the color by 10%, you get **66.3681, 73.7835, 91.6338**, and if you desaturate by 10%, it is **84.0625, 87.6351, 93.3748**.

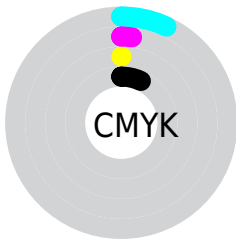
Distribution



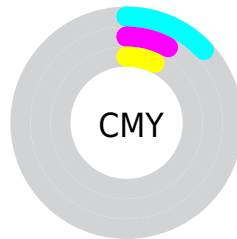
- Red (87%)
- Green (92%)
- Blue (93%)



- Red (87%)
- Yellow (89%)
- Blue (93%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6742, 80.3908, 92.4701 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 74.6742, 80.3908, 92.4701 by changing the saturation by 10% instead.

■ 74.6742, 80.3908,
92.4701

■ 74.6742, 80.3908,
92.4701

465.8115,
496.2489, 556.8098

■ 55.6393, 60.0400,
69.4459

124.8414,
133.9150, 152.7301

■ 40.1496, 43.4509,
50.6010

156.7045,
167.8573, 190.8031

■ 27.8400, 30.2390,
35.5166

193.5742,
207.0987, 234.7293

■ 18.3449, 20.0201,
23.7744

235.8161,
252.0239, 284.9275

■ 11.2991, 12.4097,
14.9557

283.7954,
303.0171, 341.8161

■ 6.3371, 7.0233,
8.6420

337.8774,

■ 3.0937, 3.4767,

360.4627, 405.8136

4.4148

398.4277,
424.7452, 477.3387

■ 1.2035, 1.3854,
1.8556

■ 0.1092, 0.2059,
0.4642

■ 74.6742, 80.3908,
92.4701

■ 74.6742, 80.3908,
92.4701

■ 66.3681, 73.7835,
91.6338

■ 84.0625, 87.6351,
93.3748

■ 59.0937, 67.7799,
90.8584

■ 89.3843, 92.8561,
94.1021

■ 52.8070, 62.3588,
90.1433

■ 91.1045, 96.2965,
94.6755

■ 47.4577, 57.4935,
89.4862

■ 92.4328, 98.9531,
95.1182

■ 42.9911, 53.1552,
88.8842

■ 39.3465, 49.3118,
88.3345

■ 36.4551, 45.9272,
87.8336

■ 34.2364, 42.9591,
87.3776

■ 32.5859, 40.3529,
86.9615

Harmonies

Analogous

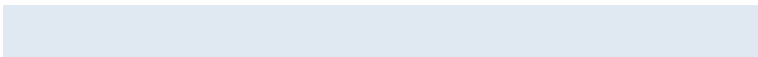
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0729, 80.3908, 89.2382



74.6742, 80.3908, 92.4701



75.7435, 80.3908, 94.4063

Triad

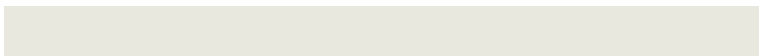
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6742, 80.3908, 92.4701



78.7731, 80.3908, 89.4576



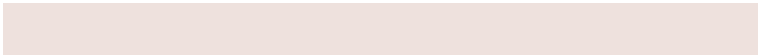
75.8186, 80.3908, 80.9446

Complementary

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



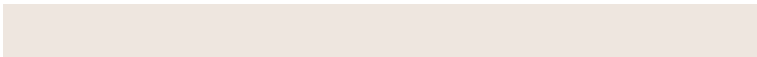
74.6742, 80.3908, 92.4701



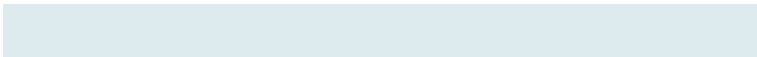
75.2365, 77.2474, 79.3528

Split Complementary

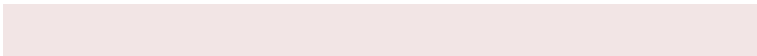
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.0785, 80.3908, 80.9996



74.6742, 80.3908, 92.4701



78.7938, 80.3908, 85.8475

Square

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



74.6742, 80.3908, 92.4701



78.1144, 80.3908, 92.6345



78.1706, 80.3908, 82.7727



74.7287, 80.3908, 82.6202

Rectangle

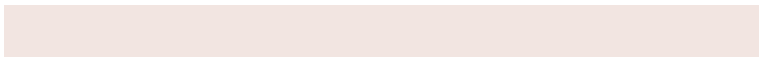
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.6742, 80.3908, 92.4701



76.5823, 80.3908, 94.6691



78.1706, 80.3908, 82.7727



76.2361, 80.3908, 80.7628

Sweetspot

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



74.6765, 80.3942, 92.4719



92.8172, 98.2830, 108.6863



73.9806, 81.9569, 83.1317



19.8901, 21.0547, 23.2656



0.0000, 0.0000, 0.0000



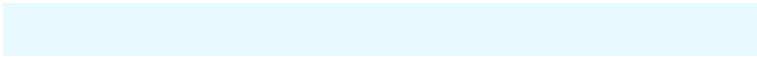
20.3446, 21.4041, 23.3091

Same Dimension

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



74.6765, 80.3942, 92.4719



85.4079, 92.5101, 107.9625



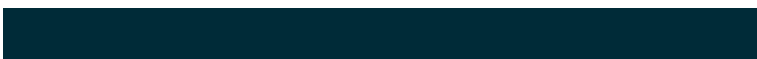
72.3223, 75.6858, 91.6871



15.9141, 17.2623, 20.2148



18.0522, 22.3286, 48.4863



1.5769, 2.0079, 4.0587

Inverse Universe

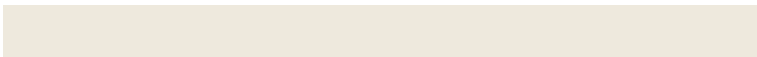
The Inverse Universe completely reimagines the original color for something new.



75.9694, 75.8321, 88.4789



87.3041, 85.8787, 102.0928



77.5835, 81.9413, 80.1351



16.2861, 15.9641, 19.0627



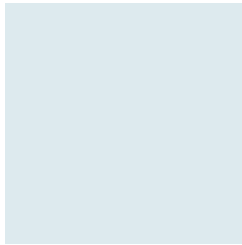
24.4375, 12.0474, 26.0184



2.0709, 1.0174, 2.3643

Previews

White Background



This preview shows how the XYZ color 74.6742, 80.3908, 92.4701 looks on a white background.

Color Contrast Check

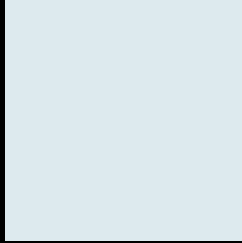
Large Text (above 18pt) WCAG AA × Fail

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 74.6742, 80.3908, 92.4701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

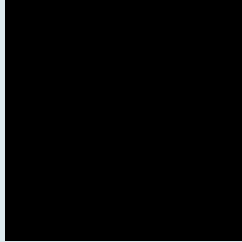
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

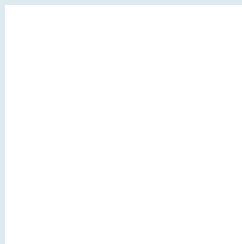
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6742, 80.3908, 92.4701

Background



This preview shows how black text looks on a background with the XYZ color 74.6742, 80.3908, 92.4701.



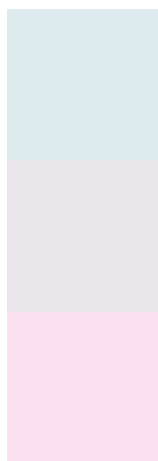
This preview shows how white text looks on a background with the XYZ color 74.6742, 80.3908,

92.4701.

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

74.6742, 80.3908, 92.4701

Protanopia

77.3688, 80.1422, 90.7481

Deuteranopia

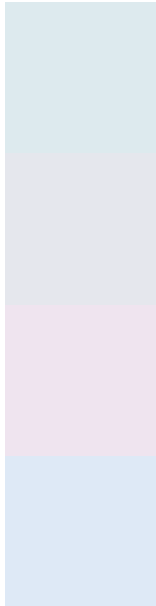
81.8082, 79.9266, 93.5537



Tritanopia

76.5434, 80.3033, 101.9083

Trichromacy



Original Color

74.6742, 80.3908, 92.4701

Protanomaly

76.1751, 79.9243, 91.5328

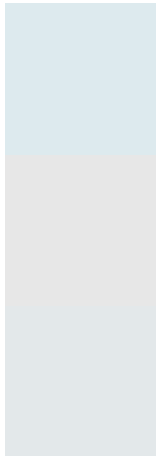
Deuteranomaly

78.9200, 80.0695, 92.9568

Tritanomaly

75.8977, 80.4612, 98.7191

Monochromacy



Original Color

74.6742, 80.3908, 92.4701

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 74.6742, 80.3908, 92.4701 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, 234, 238) looks like.

```
.text, #text, p{  
    color:rgb(221, 234, 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, 234, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 234, 238) }
```

Border

The CSS property to change the border of an element to XYZ 74.6742, 80.3908, 92.4701 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, 234, 238) }
```


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

```
.border{ border-color:rgb(221, 234, 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, 234, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 234, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 234, 238);  
box-shadow:4px 4px 4px 4px rgb(221, 234,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6742, 80.3908, 92.4701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 234, 238) }
```

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

```
.background{ background-color: rgb(221,  
234, 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](#).

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