

Converting Colors

XYZ(71.2866, 77.3339, 91.1887)

Have a look what the booklet for
XYZ(71.2866, 77.3339, 91.1887)
contains.

XYZ(71.3025, 77.4124, 91.3048)	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(71.3025, 77.4124,
91.3048)**

Conversions

Conversions Part 1

Format	Color
Hex	D5E7ED
RGB	213, 231, 237
RGB Percent	84%, 91%, 93%
CMY	0.1647, 0.0941, 0.0706
CMYK	0.10, 0.03, 0.00, 0.07
HSL	195°, 40%, 88%
HSV	195°, 10%, 93%
XYZ	71.3025, 77.4124, 91.3048
YIQ	226.3020, -12.6540, -1.9500

Conversions

Conversions Part 2

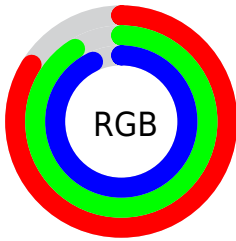
Format	Color
R_{YB}	213, 223, 237
Decimal	14018541
CIE _{Lab}	90.51, -4.78, -4.96
CIE _{LCh}	91, 6.890, 226.042
Yxy	77.4124, 0.2971, 0.3225
Android (android.graphics.Color)	4292208621 (0xFFD5E7ED)
YUV	226.3020, 5.2741, -11.6659
Hunter-Lab	87.9843, -9.3161, 0.0614

Details

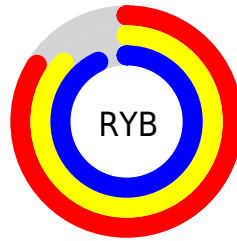
The XYZ color **71.3025, 77.4124, 91.3048** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.2671, 73.4710, 73.3244**, and the grayscale version is **72.4786, 76.2532, 83.0397**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7710, 41.2652, 49.6903** is the 20% darker color. If you saturate the color by 10%, you get **63.2953, 70.8676, 90.4648**, and if you desaturate by 10%, it is **80.3749, 84.5937, 92.2140**.

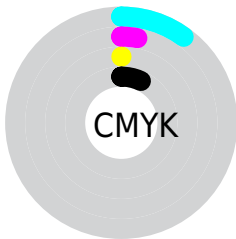
Distribution



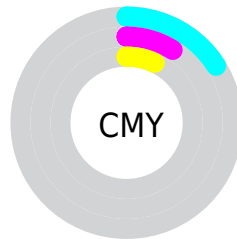
- Red (84%)
- Green (91%)
- Blue (93%)



- Red (84%)
- Yellow (87%)
- Blue (93%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (16%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3025, 77.4124, 91.3048 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 71.3025, 77.4124, 91.3048 by changing the saturation by 10% instead.

■ 71.3025, 77.4124,
91.3048

■ 71.3025, 77.4124,
91.3048

454.3056,
486.1690, 552.9455

■ 52.8725, 57.5914,
68.4835

120.0805,
129.7215, 151.1008

■ 37.9281, 41.4803,
49.8221

151.1593,
162.9783, 188.9127

■ 26.1038, 28.6945,
34.9019

187.1850,
201.4826, 232.5584

■ 17.0344, 18.8499,
23.3043

228.5231,
245.6187, 282.4567

■ 10.3545, 11.5618,
14.6110

275.5388,
295.7710, 339.0260

■ 5.6987, 6.4461,
8.4032

328.5975,

■ 2.7017, 3.1182,

352.3238, 402.6849

4.2626

388.0647,
415.6617, 473.8519

■ 0.9980, 1.1937,
1.7705

■ 0.0000, 0.0566,
0.4084

■ 71.3025, 77.4124,
91.3048

■ 71.3025, 77.4124,
91.3048

■ 63.2953, 70.8676,
90.4648

■ 80.3749, 84.5937,
92.2140

■ 56.3026, 64.9262,
89.6865

■ 88.5315, 91.3849,
93.0949

■ 50.2795, 59.5662,
88.9694

■ 90.3308, 94.9836,
93.6947

■ 45.1751, 54.7606,
88.3108

■ 92.1879, 98.6977,
94.3137

■ 40.9334, 50.4797,
87.7081

■ 92.2863, 98.8945,
94.3465

■ 37.4922, 46.6905,
87.1581

■ 34.7804, 43.3555,
86.6573

■ 32.7133, 40.4302,
86.2016

■ 31.1642, 37.8704,
85.7892

Harmonies

Analogous

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



70.4400, 77.4124, 86.9381



71.3025, 77.4124, 91.3048



72.7820, 77.4124, 93.8359

Triad

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



71.3025, 77.4124, 91.3048



76.8402, 77.4124, 86.5982



72.6665, 77.4124, 75.4955

Complementary

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



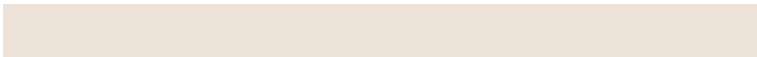
71.3025, 77.4124, 91.3048



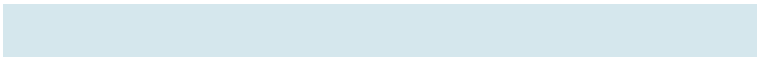
72.2671, 73.4710, 73.3244

Split Complementary

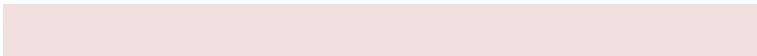
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.3801, 77.4124, 75.4126



71.3025, 77.4124, 91.3048



76.8081, 77.4124, 81.6942

Square

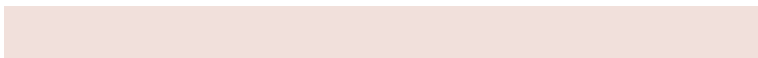
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.3025, 77.4124, 91.3048



75.9888, 77.4124, 91.0477



75.9017, 77.4124, 77.6420



71.2191, 77.4124, 77.8733

Rectangle

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



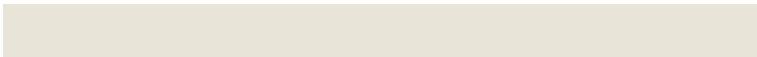
71.3025, 77.4124, 91.3048



73.9274, 77.4124, 94.0804



75.9017, 77.4124, 77.6420



73.2300, 77.4124, 75.2016

Sweetspot

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



71.3047, 77.4156, 91.3065



91.6846, 97.3644, 108.5687



70.4595, 79.8092, 78.4344



19.4360, 20.6917, 23.2195



0.0000, 0.0000, 0.0000



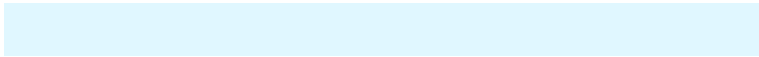
20.3446, 21.4041, 23.3091

Same Dimension

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



71.3047, 77.4156, 91.3065



82.2839, 89.8699, 107.6175



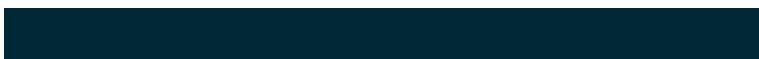
68.1638, 71.1338, 90.2595



15.1805, 16.4474, 19.2968



17.1237, 20.8944, 46.8735



1.4199, 1.7912, 3.7058

Inverse Universe

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



73.1448, 71.3640, 85.5246



84.8466, 81.5239, 99.5466



75.4006, 79.7380, 74.3689



15.5447, 15.2457, 18.1534



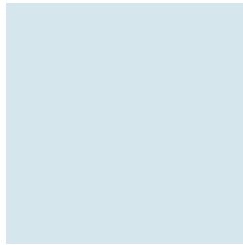
23.4985, 11.6021, 24.2244



1.8832, 0.9262, 2.1022

Previews

White Background



This preview shows how the XYZ color 71.3025, 77.4124, 91.3048 looks on a white background.

Color Contrast Check

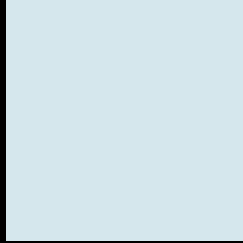
Large Text (above 18pt) WCAG AA × Fail

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 71.3025, 77.4124, 91.3048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

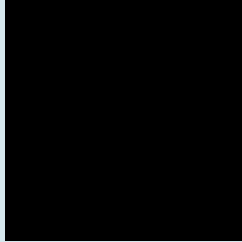
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

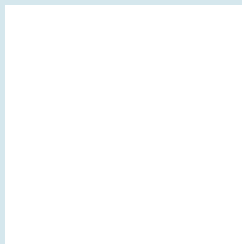
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.3025, 77.4124, 91.3048

Background



This preview shows how black text looks on a background with the XYZ color 71.3025, 77.4124, 91.3048.

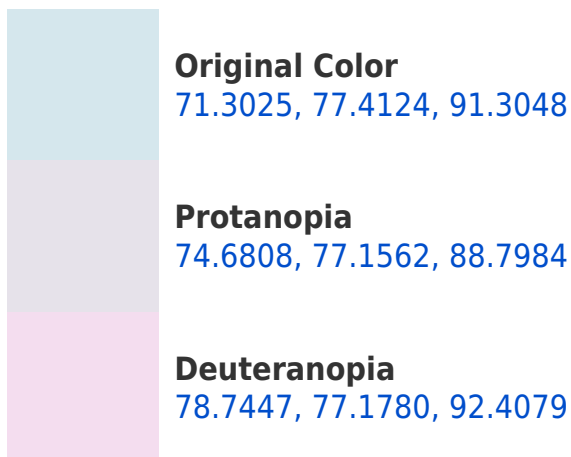


This preview shows how white text looks on a background with the XYZ color 71.3025, 77.4124,

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

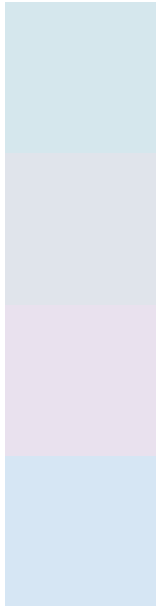




Tritanopia

72.9869, 77.2630, 99.8734

Trichromacy



Original Color

71.3025, 77.4124, 91.3048

Protanomaly

73.4793, 77.3323, 89.6511

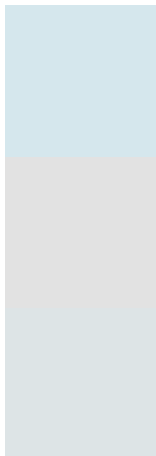
Deuteranomaly

75.9621, 77.3471, 91.8148

Tritanomaly

72.3575, 77.4214, 96.7181

Monochromacy



Original Color

71.3025, 77.4124, 91.3048

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.8451, 76.5721, 85.8562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3025, 77.4124, 91.3048 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(213, 231, 237)` looks like.

```
.text, #text, p{  
    color:rgb(213, 231, 237)  
}
```

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(213, 231, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 231, 237) }
```

Border

The CSS property to change the border of an element to XYZ 71.3025, 77.4124, 91.3048 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(213, 231, 237) }
```


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

```
.border{ border-color:rgb(213, 231, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 231, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 231, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 231, 237);  
box-shadow:4px 4px 4px 4px rgb(213, 231,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3025, 77.4124, 91.3048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 231, 237) }
```

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

```
.background{ background-color: rgb(213,  
231, 237) }
```

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