

Converting Colors

XYZ(71.1104, 77.5501, 91.0367)

Have a look what the booklet for
XYZ(71.1104, 77.5501, 91.0367)
contains.

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Color

**XYZ(71.2941, 77.8247,
91.3848)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E8ED
RGB	212, 232, 237
RGB Percent	83%, 91%, 93%
CMY	0.1686, 0.0902, 0.0706
CMYK	0.11, 0.02, 0.00, 0.07
HSL	192°, 41%, 88%
HSV	192°, 11%, 93%
XYZ	71.2941, 77.8247, 91.3848
YIQ	226.5900, -13.5250, -2.6850

Conversions

Conversions Part 2

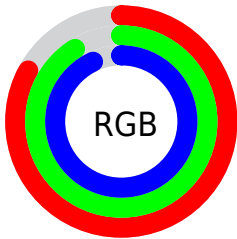
Format	Color
R_{YB}	212, 223, 237
Decimal	13953261
CIE Lab	90.70, -5.61, -4.69
CIE LCh	91, 7.315, 219.872
Yxy	77.8247, 0.2964, 0.3236
Android (android.graphics.Color)	4292143341 (0xFFD4E8ED)
YUV	226.5900, 5.1321, -12.7954
Hunter-Lab	88.2183, -10.1263, 0.3347

Details

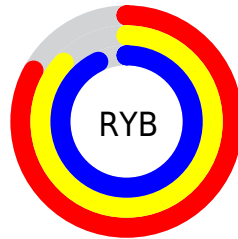
The XYZ color **71.2941, 77.8247, 91.3848** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.6221, 72.3835, 72.4854**, and the grayscale version is **72.6888, 76.4743, 83.2805**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7705, 41.5550, 49.7463** is the 20% darker color. If you saturate the color by 10%, you get **63.6423, 71.9293, 90.6514**, and if you desaturate by 10%, it is **79.9891, 84.3155, 92.1806**.

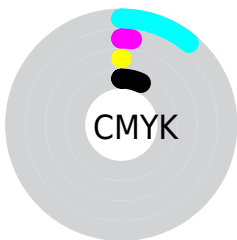
Distribution



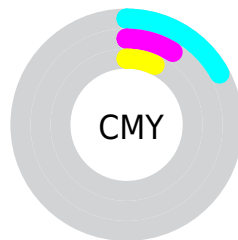
- Red (83%)
- Green (91%)
- Blue (93%)



- Red (83%)
- Yellow (87%)
- Blue (93%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (17%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2941, 77.8247, 91.3848 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 71.2941, 77.8247, 91.3848 by changing the saturation by 10% instead.

■ 71.2941, 77.8247,
91.3848

■ 71.2941, 77.8247,
91.3848

454.2767,
487.5713, 553.2112

■ 52.8656, 57.9300,
68.5496

120.0686,
130.3030, 151.2127

■ 37.9226, 41.7524,
49.8755

151.1454,
163.6553, 189.0425

■ 26.0995, 28.9074,
34.9440

187.1690,
202.2623, 232.7076

■ 17.0312, 19.0108,
23.3365

228.5048,
246.5084, 282.6266

■ 10.3522, 11.6781,
14.6346

275.5181,
296.7780, 339.2178

■ 5.6971, 6.5249,
8.4196

328.5743,

■ 2.7007, 3.1668,

353.4554, 402.9000

4.2730

388.0387,
416.9250, 474.0916

■ 0.9975, 1.2194,
1.7763

■ 0.0000, 0.0775,
0.4122

■ 71.2941, 77.8247,
91.3848

■ 71.2941, 77.8247,
91.3848

■ 63.6423, 71.9293,
90.6514

■ 79.9891, 84.3155,
92.1806

■ 56.9833, 66.5965,
89.9730

■ 88.1235, 90.5689,
92.9589

■ 51.2722, 61.8049,
89.3492

■ 89.5477, 93.4173,
93.4336

■ 46.4583, 57.5279,
88.7773

■ 91.0086, 96.3392,
93.9206

■ 42.4856, 53.7362,
88.2549

■ 92.2863, 98.8945,
94.3465

■ 39.2918, 50.3974,
87.7787

■ 36.8058, 47.4742,
87.3455

■ 34.9424, 44.9223,
86.9512

■ 33.6203, 42.7826,
86.6078

Harmonies

Analogous

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



70.5469, 77.8247, 86.4828



71.2941, 77.8247, 91.3848



72.7621, 77.8247, 94.5878

Triad

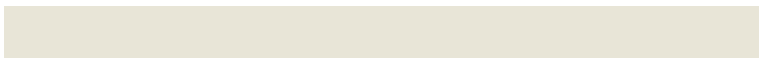
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.2941, 77.8247, 91.3848



77.3338, 77.8247, 88.2642



73.3665, 77.8247, 75.1641

Complementary

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



71.2941, 77.8247, 91.3848



71.6221, 72.3835, 72.4854

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.



75.1913, 77.8247, 75.5967



71.2941, 77.8247, 91.3848



77.5021, 77.8247, 83.0165

Square

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



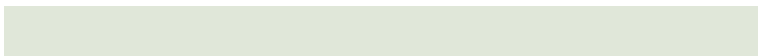
71.2941, 77.8247, 91.3848



76.2559, 77.8247, 92.7351



76.7121, 77.8247, 78.4213



71.7303, 77.8247, 77.2142

Rectangle

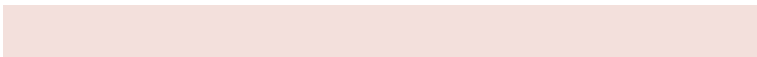
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



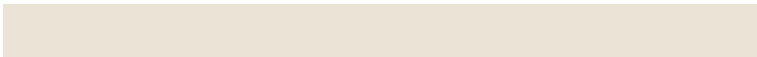
71.2941, 77.8247, 91.3848



73.9622, 77.8247, 95.2536



76.7121, 77.8247, 78.4213



73.9779, 77.8247, 75.0260

Sweetspot

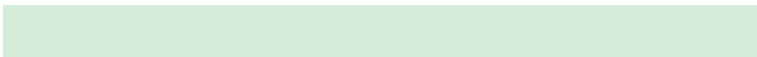
The Sweet Spot groups the original color and five complimentary colors.



71.2964, 77.8280, 91.3865



91.8055, 97.6062, 108.6090



69.9072, 79.5549, 77.0344



19.4687, 20.7572, 23.2304



0.0000, 0.0000, 0.0000



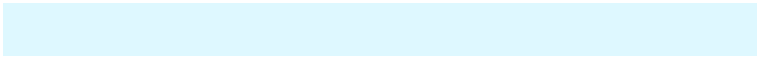
20.3446, 21.4041, 23.3091

Same Dimension

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



71.2964, 77.8280, 91.3865



81.8109, 90.0912, 107.6852



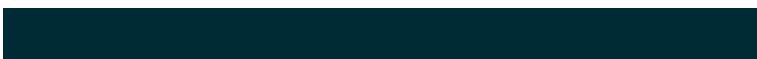
68.0102, 71.2556, 90.2911



15.2471, 16.5807, 19.3190



18.4503, 23.5476, 47.3157



1.5137, 1.9788, 3.7370

Inverse Universe

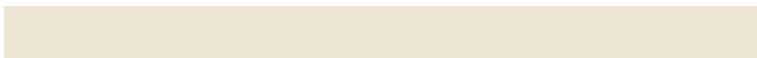
The Inverse Universe completely reimagines the original color for something new.



73.0358, 70.9194, 86.1871



84.3229, 80.2235, 100.1522



74.8524, 78.8441, 73.5621



15.5783, 15.2592, 18.3305



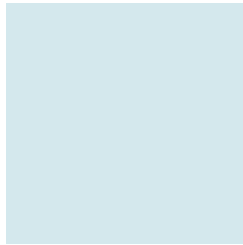
24.1681, 11.8699, 27.7505



1.9305, 0.9452, 2.3515

Previews

White Background



This preview shows how the XYZ color 71.2941, 77.8247, 91.3848 looks on a white background.

Color Contrast Check

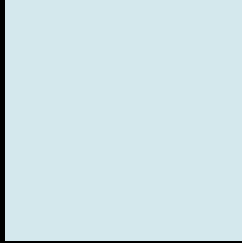
Large Text (above 18pt) WCAG AA × Fail

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 71.2941, 77.8247, 91.3848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

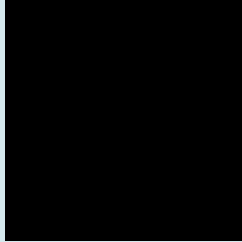
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

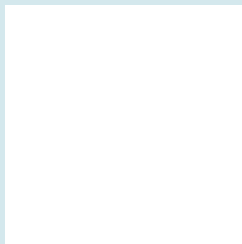
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.2941, 77.8247, 91.3848

Background



This preview shows how black text looks on a background with the XYZ color 71.2941, 77.8247, 91.3848.

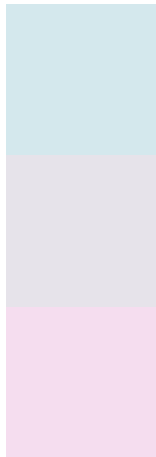


This preview shows how white text looks on a background with the XYZ color 71.2941, 77.8247,

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

71.2941, 77.8247, 91.3848

Protanopia

74.9535, 77.7017, 88.8894

Deuteranopia

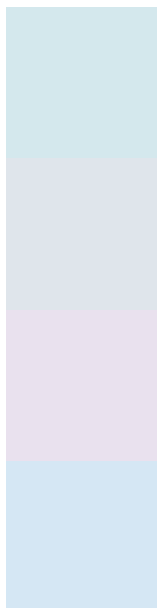
79.0926, 77.3574, 92.4242



Tritanopia

72.9716, 77.6671, 99.9522

Trichromacy



Original Color

71.2941, 77.8247, 91.3848

Protanomaly

73.4461, 77.7248, 89.7286

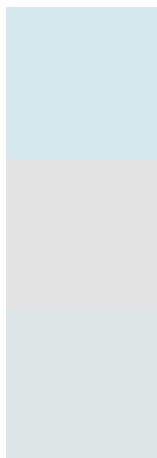
Deuteranomaly

75.9621, 77.3471, 91.8148

Tritanomaly

72.3456, 77.8296, 96.7975

Monochromacy



Original Color

71.2941, 77.8247, 91.3848

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.5673, 77.3377, 86.7043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2941, 77.8247, 91.3848 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(212, 232, 237) looks like.

```
.text, #text, p{  
    color:rgb(212, 232, 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(212, 232, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 232, 237) }
```

Border

The CSS property to change the border of an element to XYZ 71.2941, 77.8247, 91.3848 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(212, 232, 237) }
```


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

```
.border{ border-color:rgb(212, 232, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 232, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 232, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 232, 237);  
box-shadow:4px 4px 4px 4px rgb(212, 232,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2941, 77.8247, 91.3848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 232, 237) }
```

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

```
.background{ background-color: rgb(212,  
232, 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](#).

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