

Converting Colors

XYZ(71.5781, 81.2593, 92.3477)

Have a look what the booklet for
XYZ(71.5781, 81.2593, 92.3477)
contains.

XYZ(71.6230, 81.4137, 92.0603)	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(71.6230, 81.4137,
92.0603)**

Conversions

Conversions Part 1

Format	Color
Hex	CDF0ED
RGB	205, 240, 237
RGB Percent	80%, 94%, 93%
CMY	0.1961, 0.0588, 0.0706
CMYK	0.15, 0.00, 0.01, 0.06
HSL	175°, 54%, 87%
HSV	175°, 15%, 94%
XYZ	71.6230, 81.4137, 92.0603
YIQ	229.1930, -19.8970, -8.3530

Conversions

Conversions Part 2

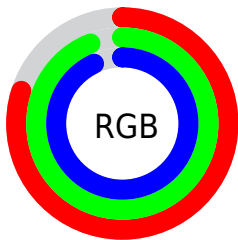
Format	Color
R _Y B	205, 223, 240
Decimal	13496557
CIE Lab	92.32, -11.88, -2.37
CIE LCh	92, 12.114, 191.271
Yxy	81.4137, 0.2922, 0.3322
Android (android.graphics.Color)	4291686637 (0xFFCDF0ED)
YUV	229.1930, 3.8489, -21.2173
Hunter-Lab	90.2295, -16.2108, 2.6677

Details

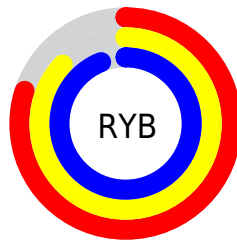
The XYZ color **71.6230, 81.4137, 92.0603** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.1546, 66.7442, 68.9161**, and the grayscale version is **74.6032, 78.4883, 85.4738**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0587, 44.1012, 50.2225** is the 20% darker color. If you saturate the color by 10%, you get **65.2051, 78.1419, 90.2000**, and if you desaturate by 10%, it is **79.0645, 85.2172, 93.9900**.

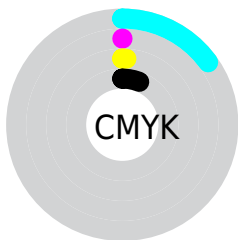
Distribution



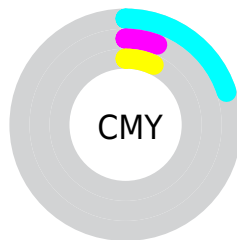
- Red (80%)
- Green (94%)
- Blue (93%)



- Red (80%)
- Yellow (87%)
- Blue (94%)



- Cyan (15%)
- Magenta (0%)
- Yellow (1%)
- Black (6%)



- Cyan (20%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.6230, 81.4137, 92.0603 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 71.6230, 81.4137, 92.0603 by changing the saturation by 10% instead.

71.6230, 81.4137,
92.0603

71.6230, 81.4137,
92.0603

455.4064,
499.6844, 555.4525

53.1351, 60.8824,
69.1074

120.5341,
135.3515, 152.1574

38.1386, 44.1302,
50.3269

151.6880,
169.5268, 190.1387

26.2680, 30.7729,
35.3002

187.7947,
209.0188, 233.9665

17.1579, 20.4260,
23.6088

229.2194,
254.2120, 284.0593

10.4432, 12.7051,
14.8342

276.3276,
305.4908, 340.8359

5.7583, 7.2258,
8.5578

329.4846,

2.7379, 3.6037,

363.2395, 404.7145

4.3610

389.0557,
427.8426, 476.1139

■ 1.0167, 1.4544,
1.8254

■ 0.0000, 0.2563,
0.4446

■ 71.6230, 81.4137,
92.0603

■ 71.6230, 81.4137,
92.0603

■ 65.2051, 78.1419,
90.2000

■ 79.0645, 85.2172,
93.9900

■ 59.7577, 75.3679,
88.4013


■ 87.5659, 89.5644,
95.9857


■ 55.2335, 73.0693,
86.6638


■ 88.6063, 90.0650,
97.6504


■ 51.5783, 71.2183,
84.9848


■ 88.9194, 90.1903,
99.2993


 48.7324, 69.7842,
83.3614


 89.2361, 90.3169,
100.9666


 46.6284, 68.7321,
81.7906


 89.5562, 90.4450,
102.6524


 45.1881, 68.0219,
80.2684

 89.8799, 90.5744,
104.3567

 44.3158, 67.6040,
78.7905

 90.2070, 90.7053,
106.0797

 44.0021, 67.4593,
78.0048

 90.4515, 90.8031,
107.3672

Harmonies

Analogous

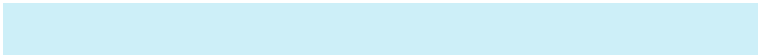
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.8158, 81.4137, 83.2211



71.6230, 81.4137, 92.0603



72.9417, 81.4137, 100.5186

Triad

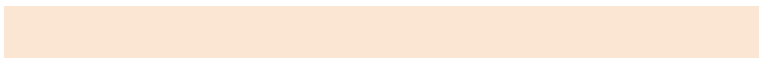
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.6230, 81.4137, 92.0603



81.4229, 81.4137, 102.2538



79.3315, 81.4137, 73.2914

Complementary

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



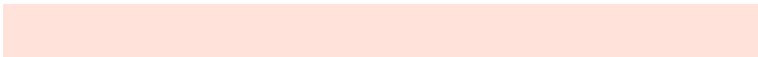
71.6230, 81.4137, 92.0603



69.1546, 66.7442, 68.9161

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.



81.9974, 81.4137, 77.7466



71.6230, 81.4137, 92.0603



83.2272, 81.4137, 94.3010

Square

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



71.6230, 81.4137, 92.0603



78.5646, 81.4137, 106.6629



83.4402, 81.4137, 85.3166



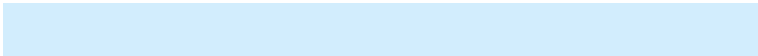
76.2099, 81.4137, 72.7810

Rectangle

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



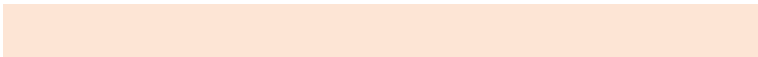
71.6230, 81.4137, 92.0603



74.5219, 81.4137, 104.6498



83.4402, 81.4137, 85.3166



80.3128, 81.4137, 74.3625

Sweetspot

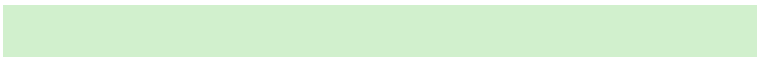
The Sweet Spot groups the original color and five complimentary colors.



71.6253, 81.4171, 92.0621



91.2558, 98.0603, 107.9886



68.3352, 80.2138, 69.6402



19.3845, 20.9133, 23.0776



0.0000, 0.0000, 0.0000



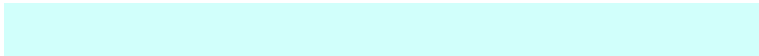
20.3446, 21.4041, 23.3091

Same Dimension

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



71.6253, 81.4171, 92.0621



79.5051, 92.0588, 104.8966



68.1038, 73.6659, 93.0714



16.1854, 17.9042, 19.9995



24.1112, 36.9365, 42.8299



2.0229, 3.0796, 3.6530

Inverse Universe

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



69.1546, 66.7442, 68.9161



76.0801, 71.7161, 72.8089



72.2890, 73.5988, 68.1550



15.8278, 15.7809, 16.6497



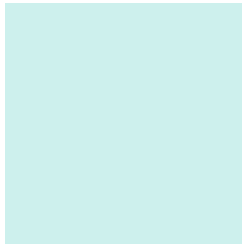
19.7632, 10.1777, 1.4034



1.6629, 0.8542, 0.2155

Previews

White Background



This preview shows how the XYZ color 71.6230, 81.4137, 92.0603 looks on a white background.

Color Contrast Check

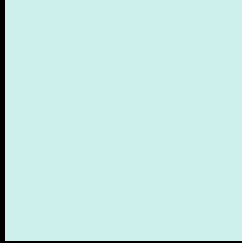
Large Text (above 18pt) WCAG AA × Fail

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 71.6230, 81.4137, 92.0603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

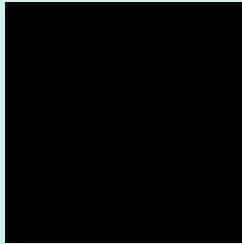
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

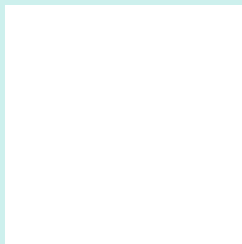
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.6230, 81.4137, 92.0603

Background



This preview shows how black text looks on a background with the XYZ color 71.6230, 81.4137, 92.0603.



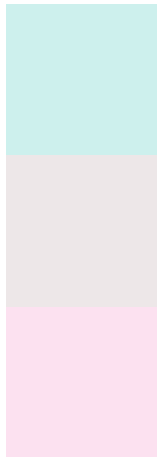
This preview shows how white text looks on a background with the XYZ color 71.6230, 81.4137,

92.0603.

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

71.6230, 81.4137, 92.0603

Protanopia

78.0665, 80.9825, 87.8606

Deuteranopia

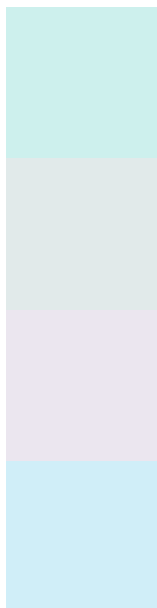
82.7983, 80.8371, 93.6773



Tritanopia

74.9125, 81.4900, 106.3886

Trichromacy



Original Color

71.6230, 81.4137, 92.0603

Protanomaly

75.3254, 80.7937, 89.4666

Deuteranomaly

78.1378, 80.4878, 93.0788

Tritanomaly

73.5302, 81.3363, 100.6310

Monochromacy



Original Color

71.6230, 81.4137, 92.0603

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.2196, 79.3197, 87.7951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6230, 81.4137, 92.0603 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(205, 240, 237)` looks like.

```
.text, #text, p{  
    color:rgb(205, 240, 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(205, 240, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 240, 237) }
```

Border

The CSS property to change the border of an element to XYZ 71.6230, 81.4137, 92.0603 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(205, 240, 237) }
```


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

```
.border{ border-color:rgb(205, 240, 237) }
```

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

Here you see how a box with a 4 pixel rgb(205, 240, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 240, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 240, 237);  
box-shadow:4px 4px 4px 4px rgb(205, 240,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6230, 81.4137, 92.0603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 240, 237) }
```

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

```
.background{ background-color: rgb(205,  
240, 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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