

Converting Colors

XYZ(74.2263, 85.0287, 92.3642)

Have a look what the booklet for
XYZ(74.2263, 85.0287, 92.3642)
contains.

XYZ(74.2330, 84.9745, 92.6100)	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(74.2330, 84.9745,
92.6100)**

Conversions

Conversions Part 1

Format	Color
Hex	D1F5ED
RGB	209, 245, 237
RGB Percent	82%, 96%, 93%
CMY	0.1804, 0.0392, 0.0706
CMYK	0.15, 0.00, 0.03, 0.04
HSL	167°, 64%, 89%
HSV	167°, 15%, 96%
XYZ	74.2330, 84.9745, 92.6100
YIQ	233.3240, -18.8880, -10.1200

Conversions

Conversions Part 2

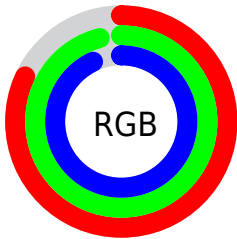
Format	Color
R_{YB}	209, 229, 245
Decimal	13759981
CIE _{Lab}	93.87, -13.13, -0.06
CIE _{LCh}	94, 13.129, 180.260
Yxy	84.9745, 0.2948, 0.3374
Android (android.graphics.Color)	4291950061 (0xFFD1F5ED)
YUV	233.3240, 1.8123, -21.3321
Hunter-Lab	92.1816, -17.5734, 4.9616

Details

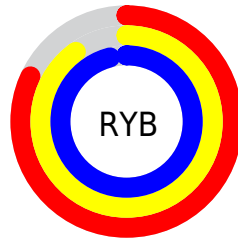
The XYZ color **74.2330, 84.9745, 92.6100** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.9841, 70.0255, 75.3191**, and the grayscale version is **77.6951, 81.7413, 89.0163**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8645, 46.6014, 50.6100** is the 20% darker color. If you saturate the color by 10%, you get **67.0439, 81.3613, 88.1839**, and if you desaturate by 10%, it is **82.5170, 89.1540, 97.2171**.

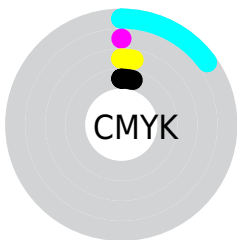
Distribution



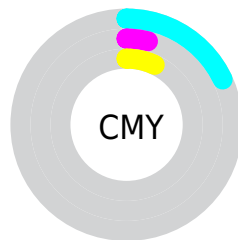
- Red (82%)
- Green (96%)
- Blue (93%)



- Red (82%)
- Yellow (90%)
- Blue (96%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)



- Cyan (18%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2330, 84.9745, 92.6100 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 74.2330, 84.9745, 92.6100 by changing the saturation by 10% instead.

74.2330, 84.9745,
92.6100

74.2330, 84.9745,
92.6100

464.3150,
511.5437, 557.2727

55.2767, 63.8203,
69.5615

124.2198,
140.3375, 152.9256

39.8580, 46.5052,
50.6946

155.9810,
175.3152, 191.0298

27.6116, 32.6446,
35.5905

192.7412,
215.6695, 234.9896

18.1720, 21.8544,
23.8310

234.8658,
261.7847, 285.2237

11.1740, 13.7499,
14.9972

282.7201,
314.0454, 342.1505

6.2522, 7.9469,
8.6708

336.6695,

3.0411, 4.0610,

372.8358, 406.1885

4.4332

397.0794,
438.5405, 477.7564

■ 1.1755, 1.7078,
1.8659

■ 0.0869, 0.4287,
0.4709

■ 74.2330, 84.9745,
92.6100

■ 74.2330, 84.9745,
92.6100

■ 67.0439, 81.3613,
88.1839

■ 82.5170, 89.1540,
97.2171

■ 60.8938, 78.2786,
83.9298

■ 90.8208, 93.3386,
101.9506

■ 55.7326, 75.7029,
79.8459

■ 91.6779, 93.6815,
106.4639

■ 51.5031, 73.6048,
75.9284

■ 91.9439, 93.7879,
107.8646

■ 48.1421, 71.9518,
72.1733

■ 45.5784, 70.7071,
68.5760

■ 43.7294, 69.8283,
65.1315

■ 42.4937, 69.2629,
61.8338

■ 42.0075, 69.0493,
60.1397

Harmonies

Analogous

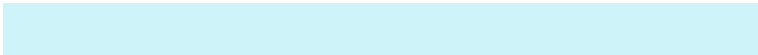
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.0725, 84.9745, 83.3038



74.2330, 84.9745, 92.6100



75.1015, 84.9745, 102.5596

Triad

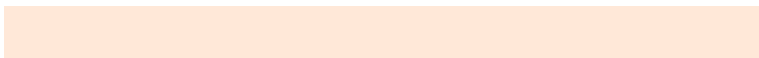
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2330, 84.9745, 92.6100



84.1982, 84.9745, 110.1540



84.1440, 84.9745, 76.8040

Complementary

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



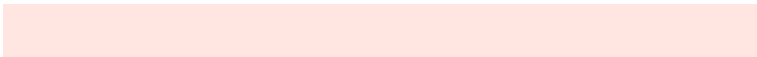
74.2330, 84.9745, 92.6100



72.9841, 70.0255, 75.3191

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.



86.7078, 84.9745, 83.1631



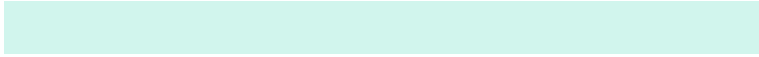
74.2330, 84.9745, 92.6100



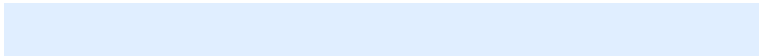
86.7397, 84.9745, 102.3980

Square

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



74.2330, 84.9745, 92.6100



80.7962, 84.9745, 113.1245



87.6709, 84.9745, 92.4356



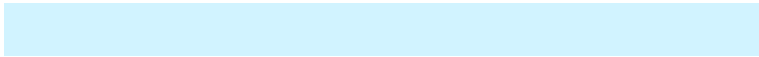
80.7353, 84.9745, 74.5877

Rectangle

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



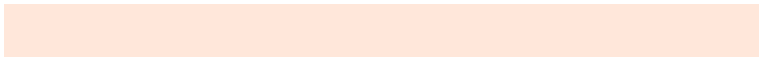
74.2330, 84.9745, 92.6100



76.5470, 84.9745, 108.1181



87.6709, 84.9745, 92.4356



85.1367, 84.9745, 78.5043

Sweetspot

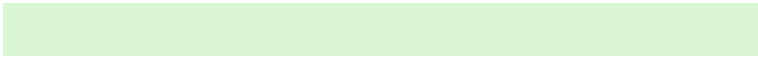
The Sweet Spot groups the original color and five complimentary colors.



74.2354, 84.9780, 92.6119



91.0335, 97.9713, 106.8177



72.8981, 84.7250, 72.8346



19.3280, 20.8907, 22.7803



0.0000, 0.0000, 0.0000



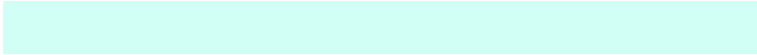
20.3446, 21.4041, 23.3091

Same Dimension

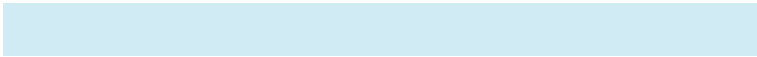
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2354, 84.9780, 92.6119



78.5332, 91.6701, 99.7784



72.6016, 79.7970, 97.9661



16.8298, 18.6911, 20.3881



22.6836, 37.2183, 32.6833



2.0316, 3.2863, 3.0721

Inverse Universe

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



72.9841, 70.0255, 75.3191



76.8912, 72.0405, 77.0801



74.3949, 74.4731, 70.7769



16.6499, 16.5428, 17.9032



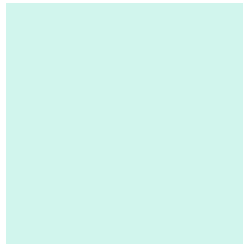
20.6931, 10.6207, 3.0922



1.8558, 0.9483, 0.4673

Previews

White Background



This preview shows how the XYZ color 74.2330, 84.9745, 92.6100 looks on a white background.

Color Contrast Check

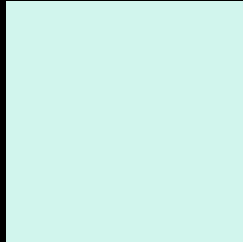
Large Text (above 18pt) WCAG AA × Fail

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 74.2330, 84.9745, 92.6100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

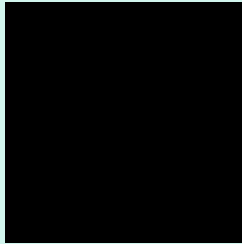
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

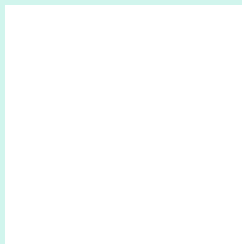
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2330, 84.9745, 92.6100

Background



This preview shows how black text looks on a background with the XYZ color 74.2330, 84.9745, 92.6100.



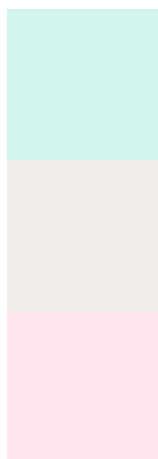
This preview shows how white text looks on a background with the XYZ color 74.2330, 84.9745,

92.6100.

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

74.2330, 84.9745, 92.6100

Protanopia

81.1789, 84.6943, 88.4130

Deuteranopia

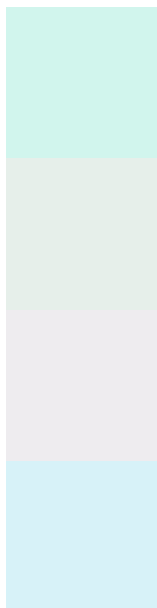
85.5441, 84.7031, 94.2787



Tritanopia

78.4235, 84.6002, 106.8039

Trichromacy



Original Color

74.2330, 84.9745, 92.6100

Protanomaly

78.3509, 84.4965, 90.0218

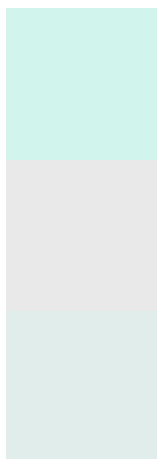
Deuteranomaly

80.8353, 84.4000, 93.6917

Tritanomaly

76.7197, 84.7286, 101.1176

Monochromacy



Original Color

74.2330, 84.9745, 92.6100

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

75.8759, 82.3562, 89.7391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2330, 84.9745, 92.6100 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(209, 245, 237)` looks like.

```
.text, #text, p{  
    color:rgb(209, 245, 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(209, 245, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 245, 237) }
```

Border

The CSS property to change the border of an element to XYZ 74.2330, 84.9745, 92.6100 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(209, 245, 237) }
```


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

```
.border{ border-color:rgb(209, 245, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 245, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 245, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 245, 237);  
box-shadow:4px 4px 4px 4px rgb(209, 245,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2330, 84.9745, 92.6100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 245, 237) }
```

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

```
.background{ background-color: rgb(209,  
245, 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