

Converting Colors

XYZ(75.3450, 82.1491, 94.2897)

Have a look what the booklet for
XYZ(75.3450, 82.1491, 94.2897)
contains.

XYZ(75.2258, 81.9197, 94.2853)	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(75.2258, 81.9197,
94.2853)**

Conversions

Conversions Part 1

Format	Color
Hex	DBEDF0
RGB	219, 237, 240
RGB Percent	86%, 93%, 94%
CMY	0.1412, 0.0706, 0.0588
CMYK	0.09, 0.01, 0.00, 0.06
HSL	189°, 41%, 90%
HSV	189°, 9%, 94%
XYZ	75.2258, 81.9197, 94.2853
YIQ	231.9600, -11.6910, -2.8830

Conversions

Conversions Part 2

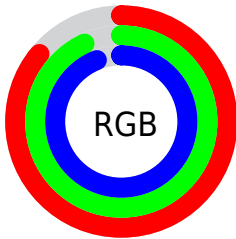
Format	Color
R _Y B	219, 229, 240
Decimal	14413296
CIE Lab	92.54, -5.34, -3.49
CIE LCh	93, 6.382, 213.185
Yxy	81.9197, 0.2992, 0.3258
Android (android.graphics.Color)	4292603376 (0xFFDBEDF0)
YUV	231.9600, 3.9637, -11.3659
Hunter-Lab	90.5095, -10.0337, 1.5932

Details

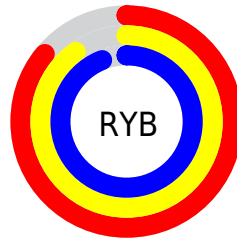
The XYZ color **75.2258, 81.9197, 94.2853** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.8431, 75.8819, 77.7213**, and the grayscale version is **76.6513, 80.6432, 87.8204**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4854, 44.4010, 51.7838** is the 20% darker color. If you saturate the color by 10%, you get **67.5382, 76.5009, 93.6458**, and if you desaturate by 10%, it is **83.9781, 87.9200, 94.9834**.

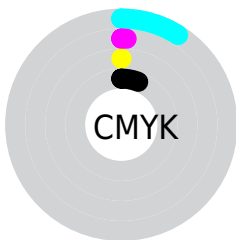
Distribution



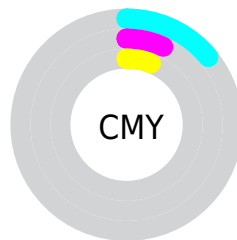
- Red (86%)
- Green (93%)
- Blue (94%)



- Red (86%)
- Yellow (90%)
- Blue (94%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (6%)



- Cyan (14%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2258, 81.9197, 94.2853 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 75.2258, 81.9197, 94.2853 by changing the saturation by 10% instead.

■ 75.2258, 81.9197,
94.2853

■ 75.2258, 81.9197,
94.2853

467.6785,
501.3791, 562.8002

■ 56.0927, 61.2993,
70.9467

125.6181,
136.0614, 155.2639

■ 40.5146, 44.4668,
51.8171

157.6081,
170.3515, 193.7410

■ 28.1260, 31.0377,
36.4781

194.6144,
209.9670, 238.1013

■ 18.5616, 20.6275,
24.5110

237.0024,
255.2923, 288.7634

■ 11.4560, 12.8520,
15.4974

285.1375,
306.7117, 346.1458

■ 6.4440, 7.3267,
9.0188

339.3850,

■ 3.1601, 3.6673,

364.6098, 410.6670

4.6564

400.1102,
429.3707, 482.7456

■ 1.2390, 1.4892,
1.9919

■ 0.1368, 0.2811,
0.5503

■ 75.2258, 81.9197,
94.2853

■ 75.2258, 81.9197,
94.2853

■ 67.5382, 76.5009,
93.6458

■ 83.9781, 87.9200,
94.9834

■ 60.8637, 71.6300,
93.0574

■ 89.2753, 92.1651,
95.5236

■ 55.1570, 67.2860,
92.5197

■ 90.3145, 94.2436,
95.8701

■ 50.3668, 63.4420,
92.0302

■ 91.3730, 96.3606,
96.2229

■ 46.4365, 60.0688,
91.5863

■ 92.4508, 98.5162,
96.5822

■ 43.3035, 57.1340,
91.1849

■ 92.7284, 99.0714,
96.6747

■ 40.8963, 54.6005,
90.8228

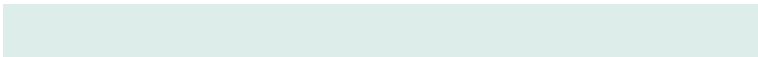
■ 39.1306, 52.4246,
90.4959

■ 37.8817, 50.5421,
90.1983

Harmonies

Analogous

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



74.7239, 81.9197, 89.7046



75.2258, 81.9197, 94.2853



76.4336, 81.9197, 97.5914

Triad

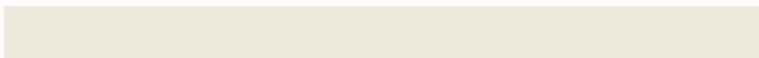
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2258, 81.9197, 94.2853



80.7408, 81.9197, 93.3770



77.6853, 81.9197, 80.3918

Complementary

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



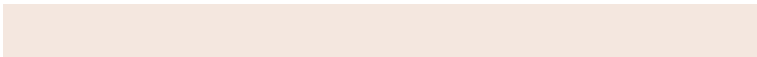
75.2258, 81.9197, 94.2853



74.8431, 75.8819, 77.7213

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.



79.3085, 81.9197, 81.2976



75.2258, 81.9197, 94.2853



81.0872, 81.9197, 88.6906

Square

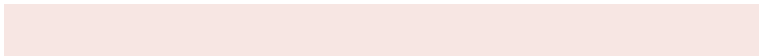
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.2258, 81.9197, 94.2853



79.6193, 81.9197, 97.0540



80.5595, 81.9197, 84.2944



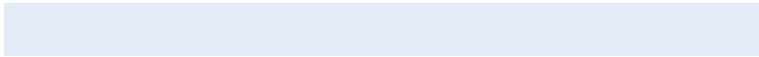
76.1311, 81.9197, 81.7752

Rectangle

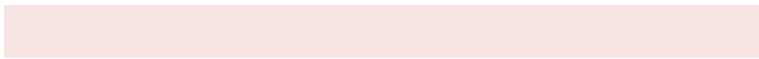
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.2258, 81.9197, 94.2853



77.4847, 81.9197, 98.5681



80.5595, 81.9197, 84.2944



78.2410, 81.9197, 80.4388

Sweetspot

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



75.2282, 81.9231, 94.2871



91.9441, 97.8834, 108.6551



73.5329, 82.6448, 81.0447



19.5062, 20.8322, 23.2429



0.0000, 0.0000, 0.0000



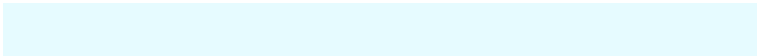
20.3446, 21.4041, 23.3091

Same Dimension

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



75.2282, 81.9231, 94.2871



85.1331, 93.1808, 108.1064



72.3301, 76.1270, 93.3211



16.0439, 17.5220, 20.2581



20.7350, 27.6943, 49.3806



1.7771, 2.4082, 4.1254

Inverse Universe

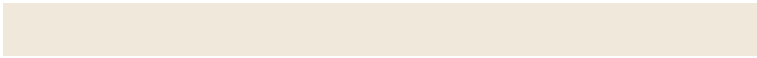
The Inverse Universe completely reimagines the original color for something new.



76.5546, 75.3044, 90.6251



86.8675, 84.5636, 103.3098



77.6638, 81.5234, 78.6616



16.3516, 15.9904, 19.4078



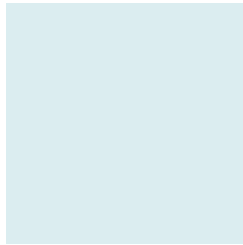
25.7917, 12.5891, 33.1493



2.1719, 1.0578, 2.8963

Previews

White Background



This preview shows how the XYZ color 75.2258, 81.9197, 94.2853 looks on a white background.

Color Contrast Check

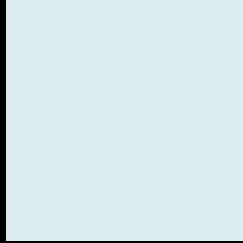
Large Text (above 18pt) WCAG AA × Fail

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 75.2258, 81.9197, 94.2853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

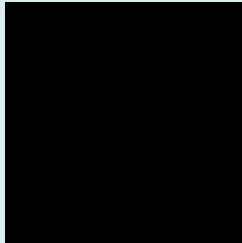
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

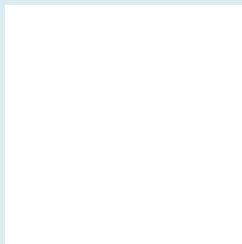
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.2258, 81.9197, 94.2853

Background



This preview shows how black text looks on a background with the XYZ color 75.2258, 81.9197, 94.2853.



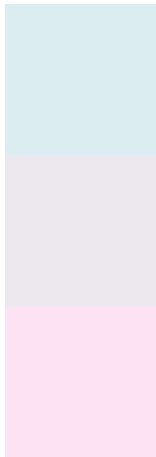
This preview shows how white text looks on a background with the XYZ color 75.2258, 81.9197,

94.2853.

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

75.2258, 81.9197, 94.2853

Protanopia

78.7347, 81.6605, 91.7331

Deuteranopia

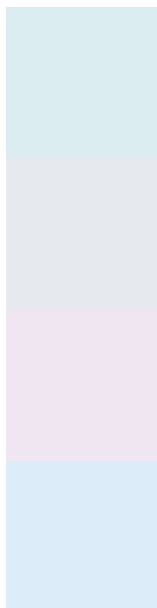
83.3683, 81.4990, 95.3413



Tritanopia

77.4165, 81.9446, 105.5025

Trichromacy



Original Color

75.2258, 81.9197, 94.2853

Protanomaly

77.4886, 81.8417, 92.6019

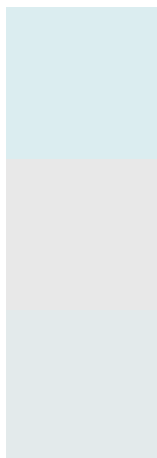
Deuteranomaly

80.1092, 81.4698, 94.7221

Tritanomaly

76.6095, 82.0461, 101.4213

Monochromacy



Original Color

75.2258, 81.9197, 94.2853

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.0968, 81.1747, 90.2548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2258, 81.9197, 94.2853 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(219, 237, 240)` looks like.

```
.text, #text, p{  
    color:rgb(219, 237, 240)  
}
```

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(219, 237, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 237, 240) }
```

Border

The CSS property to change the border of an element to XYZ 75.2258, 81.9197, 94.2853 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(219, 237, 240) }
```


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

```
.border{ border-color:rgb(219, 237, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 237, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 237, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 237, 240);  
box-shadow:4px 4px 4px 4px rgb(219, 237,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2258, 81.9197, 94.2853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 237, 240) }
```

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

```
.background{ background-color: rgb(219,  
237, 240) }
```

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