

Converting Colors

XYZ(75.6623, 83.7729, 92.3351)

Have a look what the booklet for
XYZ(75.6623, 83.7729, 92.3351)
contains.

XYZ(75.6548, 83.9304, 92.3335)	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(75.6548, 83.9304,
92.3335)**

Conversions

Conversions Part 1

Format	Color
Hex	DAF1ED
RGB	218, 241, 237
RGB Percent	85%, 95%, 93%
CMY	0.1451, 0.0549, 0.0706
CMYK	0.10, 0.00, 0.02, 0.05
HSL	170°, 45%, 90%
HSV	170°, 10%, 95%
XYZ	75.6548, 83.9304, 92.3335
YIQ	233.6670, -12.4240, -6.1200

Conversions

Conversions Part 2

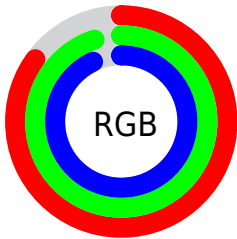
Format	Color
R _{YB}	218, 231, 241
Decimal	14348781
CIE Lab	93.42, -8.26, -0.65
CIE LCh	93, 8.286, 184.498
Yxy	83.9304, 0.3003, 0.3332
Android (android.graphics.Color)	4292538861 (0xFFDAF1ED)
YUV	233.6670, 1.6432, -13.7400
Hunter-Lab	91.6135, -12.9177, 4.3735

Details

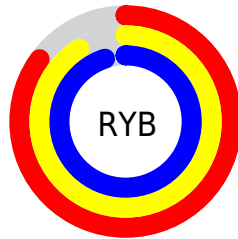
The XYZ color **75.6548, 83.9304, 92.3335** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.5349, 74.1198, 79.4893**, and the grayscale version is **77.9517, 82.0112, 89.3102**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7937, 45.8206, 50.4103** is the 20% darker color. If you saturate the color by 10%, you get **68.3601, 80.2422, 88.8318**, and if you desaturate by 10%, it is **84.0165, 88.1717, 95.9635**.

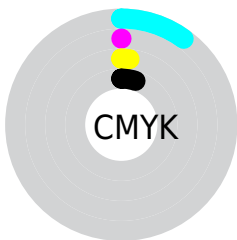
Distribution



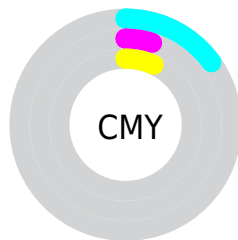
- Red (85%)
- Green (95%)
- Blue (93%)



- Red (85%)
- Yellow (91%)
- Blue (95%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (15%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6548, 83.9304, 92.3335 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 75.6548, 83.9304, 92.3335 by changing the saturation by 10% instead.

75.6548, 83.9304,
92.3335

75.6548, 83.9304,
92.3335

469.1278,
508.0821, 556.3575

56.4456, 62.9580,
69.3331

126.2218,
138.8778, 152.5392

40.7987, 45.8072,
50.5096

158.3102,
173.6216, 190.5816

28.3488, 32.0937,
35.4444

195.4225,
213.7246, 234.4751

18.7305, 21.4331,
23.7192

237.9238,
259.5713, 284.6382

11.5786, 13.4409,
14.9151

286.1797,
311.5459, 341.4894

6.5276, 7.7329,
8.6139

340.5554,

3.2121, 3.9245,

370.0330, 405.4474

4.3969

401.4163,
435.4170, 476.9306

■ 1.2669, 1.6314,
1.8455

■ 0.1582, 0.3786,
0.4577

■ 75.6548, 83.9304,
92.3335

■ 75.6548, 83.9304,
92.3335

■ 68.3601, 80.2422,
88.8318

■ 84.0165, 88.1717,
95.9635

■ 62.0802, 77.0731,
85.4501

■ 89.2380, 90.7901,
99.5202

■ 56.7691, 74.4018,
82.1876

■ 89.8872, 91.0498,
102.9387

■ 52.3743, 72.2013,
79.0414

■ 90.5510, 91.3153,
106.4342

■ 48.8384, 70.4420,
76.0081

■ 90.7468, 91.3937,
107.4656

■ 46.0976, 69.0909,
73.0843

■ 44.0788, 68.1105,
70.2661

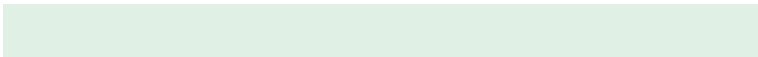
■ 42.6953, 67.4559,
67.5487

■ 41.8086, 67.0560,
64.9254

Harmonies

Analogous

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



76.0384, 83.9304, 86.2991



75.6548, 83.9304, 92.3335



76.3582, 83.9304, 98.3769

Triad

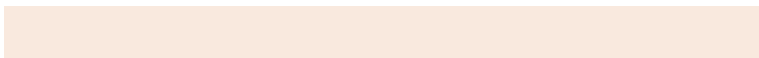
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.6548, 83.9304, 92.3335



82.1784, 83.9304, 101.6732



81.5973, 83.9304, 80.9430

Complementary

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



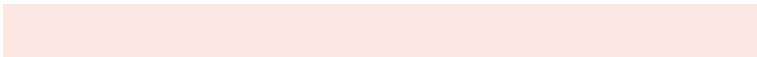
75.6548, 83.9304, 92.3335



74.5349, 74.1198, 79.4893

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.



83.2888, 83.9304, 84.7343



75.6548, 83.9304, 92.3335



83.6286, 83.9304, 96.6689

Square

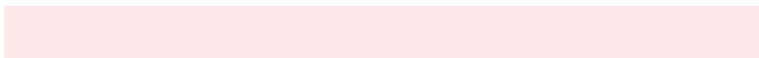
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.6548, 83.9304, 92.3335



80.1035, 83.9304, 103.9234



84.0387, 83.9304, 90.4449



79.4441, 83.9304, 79.8997

Rectangle

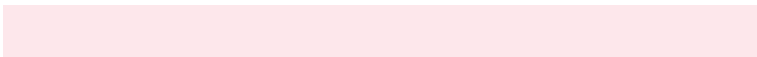
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



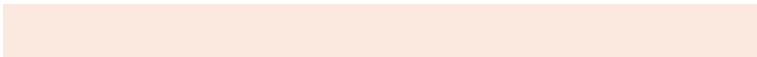
75.6548, 83.9304, 92.3335



77.3565, 83.9304, 101.5433



84.0387, 83.9304, 90.4449



82.2400, 83.9304, 81.9295

Sweetspot

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



75.6572, 83.9339, 92.3354



92.0777, 98.4924, 107.6458



74.3034, 83.5400, 78.5397



19.5425, 20.9973, 22.9694



0.0000, 0.0000, 0.0000



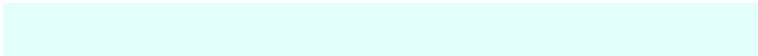
20.3446, 21.4041, 23.3091

Same Dimension

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



75.6572, 83.9339, 92.3354



84.6966, 94.7523, 104.3646



74.1354, 79.9437, 94.7465



16.1224, 17.8790, 19.6674



22.6960, 36.3704, 35.3779



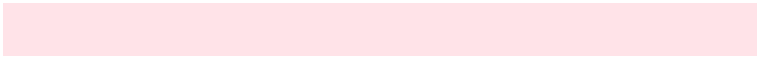
1.9188, 3.0380, 3.1049

Inverse Universe

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



74.5349, 74.1198, 79.4893



83.2370, 81.9875, 87.6569



75.9353, 77.7691, 77.3398



15.8851, 15.8037, 16.9510



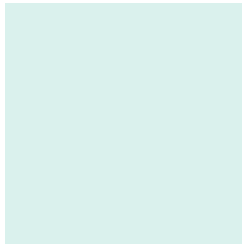
19.9316, 10.2451, 2.2902



1.6900, 0.8650, 0.3583

Previews

White Background



This preview shows how the XYZ color 75.6548, 83.9304, 92.3335 looks on a white background.

Color Contrast Check

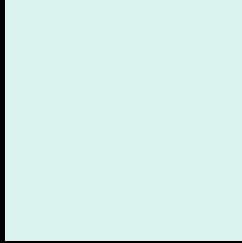
Large Text (above 18pt) WCAG AA × Fail

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 75.6548, 83.9304, 92.3335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

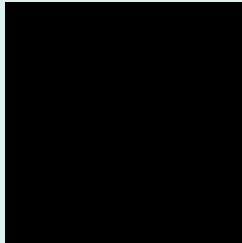
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

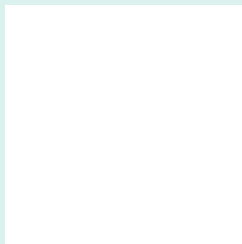
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.6548, 83.9304, 92.3335

Background



This preview shows how black text looks on a background with the XYZ color 75.6548, 83.9304, 92.3335.



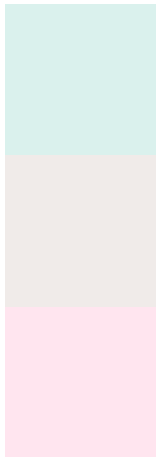
This preview shows how white text looks on a background with the XYZ color 75.6548, 83.9304,

92.3335.

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

75.6548, 83.9304, 92.3335

Protanopia

80.3515, 83.8251, 89.0357

Deuteranopia

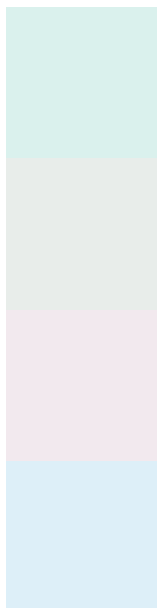
84.8393, 83.5306, 93.3129



Tritanopia

79.0560, 84.0570, 106.6657

Trichromacy



Original Color

75.6548, 83.9304, 92.3335

Protanomaly

78.4142, 83.6647, 89.8579

Deuteranomaly

81.1895, 83.3281, 92.6937

Tritanomaly

77.6286, 83.8825, 100.9064

Monochromacy



Original Color

75.6548, 83.9304, 92.3335

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.2745, 83.0605, 90.5567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6548, 83.9304, 92.3335 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(218, 241, 237)` looks like.

```
.text, #text, p{  
    color:rgb(218, 241, 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(218, 241, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 241, 237) }
```

Border

The CSS property to change the border of an element to XYZ 75.6548, 83.9304, 92.3335 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(218, 241, 237) }
```


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

```
.border{ border-color:rgb(218, 241, 237) }
```

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

Here you see how a box with a 4 pixel rgb(218, 241, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 241, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 241, 237);  
box-shadow:4px 4px 4px 4px rgb(218, 241,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6548, 83.9304, 92.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 241, 237) }
```

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

```
.background{ background-color: rgb(218,  
241, 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