

Converting Colors

XYZ(75.1554, 85.6837, 92.7387)

Have a look what the booklet for
XYZ(75.1554, 85.6837, 92.7387)
contains.

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Color

**XYZ(75.3932, 86.0230,
92.7512)**

Conversions

Conversions Part 1

Format	Color
Hex	D4F6ED
RGB	212, 246, 237
RGB Percent	83%, 96%, 93%
CMY	0.1686, 0.0353, 0.0706
CMYK	0.14, 0.00, 0.04, 0.04
HSL	164°, 65%, 90%
HSV	164°, 14%, 96%
XYZ	75.3932, 86.0230, 92.7512
YIQ	234.8080, -17.3750, -10.0070

Conversions

Conversions Part 2

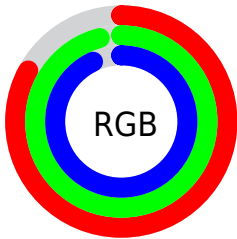
Format	Color
R _{YB}	212, 232, 246
Decimal	13956845
CIE Lab	94.32, -12.68, 0.62
CIE LCh	94, 12.698, 177.200
Yxy	86.0230, 0.2966, 0.3385
Android (android.graphics.Color)	4292146925 (0xFFD4F6ED)
YUV	234.8080, 1.0807, -20.0026
Hunter-Lab	92.7486, -17.2115, 5.6323

Details

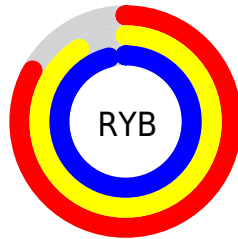
The XYZ color **75.3932, 86.0230, 92.7512** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.6037, 71.9025, 78.3570**, and the grayscale version is **78.8231, 82.9281, 90.3087**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6586, 47.3312, 50.7090** is the 20% darker color. If you saturate the color by 10%, you get **67.9008, 82.2709, 87.5238**, and if you desaturate by 10%, it is **84.0055, 90.3532, 98.2151**.

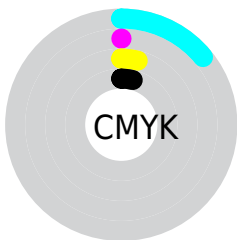
Distribution



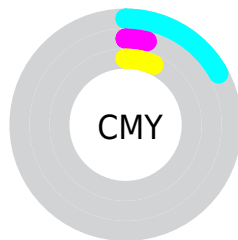
- Red (83%)
- Green (96%)
- Blue (93%)



- Red (83%)
- Yellow (91%)
- Blue (96%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)



- Cyan (17%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3932, 86.0230, 92.7512 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 75.3932, 86.0230, 92.7512 by changing the saturation by 10% instead.

75.3932, 86.0230,
92.7512

75.3932, 86.0230,
92.7512

468.2443,
515.0070, 557.7397

56.2304, 64.6870,
69.6782

125.8537,
141.8016, 153.1228

40.6254, 47.2073,
50.7891

157.8822,
177.0129, 191.2586

28.2129, 33.1996,
35.6652

194.9298,
217.6182, 235.2523

18.6275, 22.2794,
23.8881

237.3621,
264.0018, 285.5225

11.5038, 14.0623,
15.0392

285.5443,
316.5481, 342.4879

6.4766, 8.1640,
8.7000

339.8419,

3.1804, 4.2001,

375.6415, 406.5668

4.4519

400.6201,
441.6663, 478.1779

■ 1.2498, 1.7861,
1.8764

■ 0.1452, 0.4785,
0.4776

■ 75.3932, 86.0230,
92.7512

■ 75.3932, 86.0230,
92.7512

■ 67.9008, 82.2709,
87.5238

■ 84.0055, 90.3532,
98.2151

■ 61.4719, 79.0607,
82.5229

■ 91.4573, 94.0787,
103.8053

■ 56.0561, 76.3689,
77.7461

■ 92.2474, 94.3947,
107.9658

■ 51.5960, 74.1658,
73.1889

■ 48.0282, 72.4190,
68.8461

■ 45.2814, 71.0916,
64.7124

■ 43.2732, 70.1413,
60.7821

■ 41.9031, 69.5161,
57.0481

■ 41.2842, 69.2455,
54.8343

Harmonies

Analogous

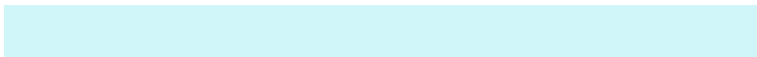
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.3793, 86.0230, 83.8661



75.3932, 86.0230, 92.7512



76.0740, 86.0230, 102.5032

Triad

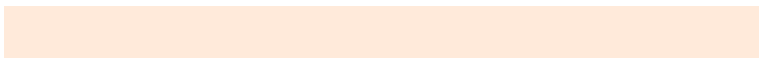
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3932, 86.0230, 92.7512



84.7929, 86.0230, 111.3584



85.3619, 86.0230, 78.7651

Complementary

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



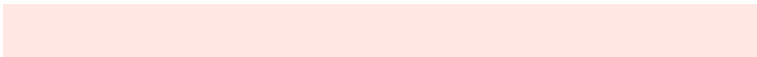
75.3932, 86.0230, 92.7512



74.6037, 71.9025, 78.3570

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.



87.7272, 86.0230, 85.3490



75.3932, 86.0230, 92.7512



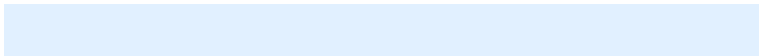
87.3924, 86.0230, 104.1977

Square

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



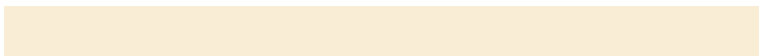
75.3932, 86.0230, 92.7512



81.4428, 86.0230, 113.6773



88.4803, 86.0230, 94.5836



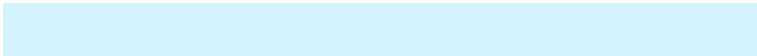
82.0826, 86.0230, 76.1501

Rectangle

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



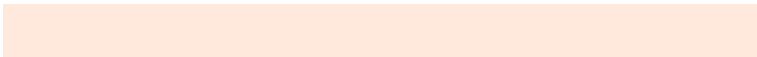
75.3932, 86.0230, 92.7512



77.3923, 86.0230, 108.1131



88.4803, 86.0230, 94.5836



86.2937, 86.0230, 80.5640

Sweetspot

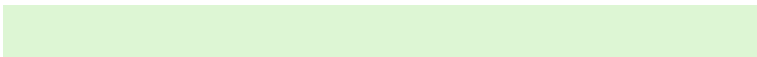
The Sweet Spot groups the original color and five complimentary colors.



75.3956, 86.0266, 92.7531



90.9646, 97.9438, 106.4549



74.6813, 86.0514, 74.9621



19.3106, 20.8837, 22.6883



0.0000, 0.0000, 0.0000



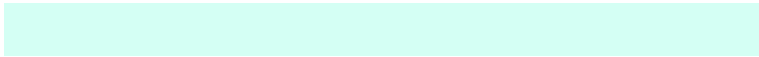
20.3446, 21.4041, 23.3091

Same Dimension

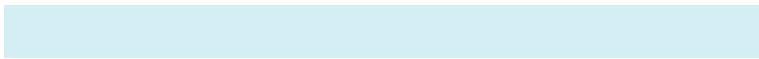
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3956, 86.0266, 92.7531



79.0672, 91.9677, 98.7919



74.3826, 81.8420, 99.0697



16.7984, 18.6785, 20.2228



22.0959, 36.9832, 29.5884



1.9843, 3.2674, 2.8232

Inverse Universe

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



74.6037, 71.9025, 78.3570



78.0327, 73.5068, 79.9783



75.4682, 75.5002, 72.8841



16.6793, 16.5546, 18.0577



20.8467, 10.6821, 3.9010



1.8730, 0.9552, 0.5576

Previews

White Background



This preview shows how the XYZ color 75.3932, 86.0230, 92.7512 looks on a white background.

Color Contrast Check

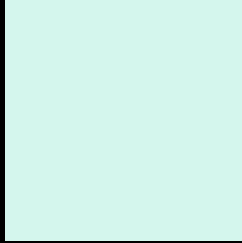
Large Text (above 18pt) WCAG AA × Fail

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 75.3932, 86.0230, 92.7512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

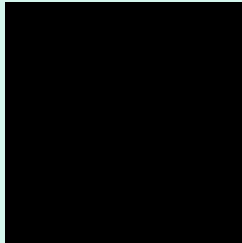
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

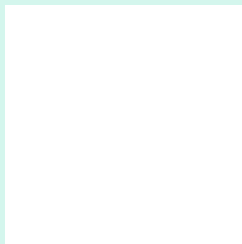
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3932, 86.0230, 92.7512

Background



This preview shows how black text looks on a background with the XYZ color 75.3932, 86.0230, 92.7512.



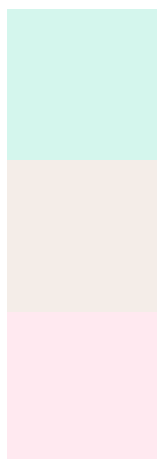
This preview shows how white text looks on a background with the XYZ color 75.3932, 86.0230,

92.7512.

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

75.3932, 86.0230, 92.7512

Protanopia

82.1579, 85.6277, 88.5415

Deuteranopia

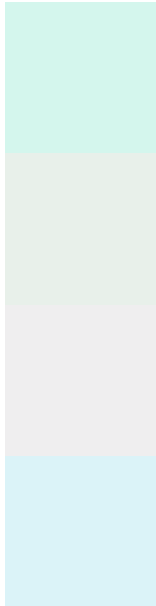
86.1071, 85.8291, 94.4664



Tritanopia

79.9367, 85.8186, 106.9593

Trichromacy



Original Color

75.3932, 86.0230, 92.7512

Protanomaly

79.2901, 85.4165, 90.1499

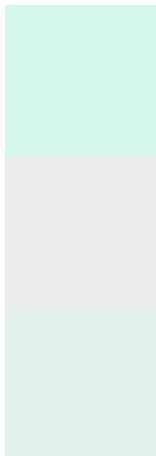
Deuteranomaly

81.7511, 85.7318, 93.9005

Tritanomaly

78.2073, 85.9386, 101.2728

Monochromacy



Original Color

75.3932, 86.0230, 92.7512

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.6854, 84.1200, 91.4992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3932, 86.0230, 92.7512 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, 246, 237)` looks like.

```
.text, #text, p{  
    color:rgb(212, 246, 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, 246, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 246, 237) }
```

Border

The CSS property to change the border of an element to XYZ 75.3932, 86.0230, 92.7512 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, 246, 237) }
```


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

```
.border{ border-color:rgb(212, 246, 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, 246, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 246, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 246, 237);  
box-shadow:4px 4px 4px 4px rgb(212, 246,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3932, 86.0230, 92.7512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 246, 237) }
```

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

```
.background{ background-color: rgb(212,  
246, 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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