

Converting Colors

XYZ(75.4886, 87.3552, 95.9013)

Have a look what the booklet for
XYZ(75.4886, 87.3552, 95.9013)
contains.

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Color

**XYZ(75.4850, 87.3676,
96.1042)**

Conversions

Conversions Part 1

Format	Color
Hex	CFF9F1
RGB	207, 249, 241
RGB Percent	81%, 98%, 95%
CMY	0.1882, 0.0235, 0.0549
CMYK	0.17, 0.00, 0.03, 0.02
HSL	169°, 78%, 89%
HSV	169°, 17%, 98%
XYZ	75.4850, 87.3676, 96.1042
YIQ	235.5300, -22.4640, -11.3920

Conversions

Conversions Part 2

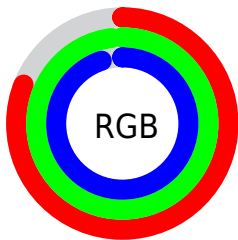
Format	Color
R_{YB}	207, 230, 249
Decimal	13629937
CIE _{Lab}	94.89, -14.96, -0.65
CIE _{LCh}	95, 14.974, 182.494
Yxy	87.3676, 0.2915, 0.3374
Android (android.graphics.Color)	4291820017 (0xFFCFF9F1)
YUV	235.5300, 2.6967, -25.0208
Hunter-Lab	93.4706, -19.4206, 4.4689

Details

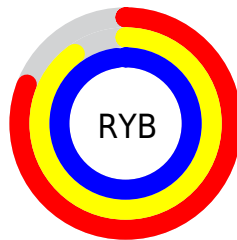
The XYZ color **75.4850, 87.3676, 96.1042** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.6486, 69.6741, 73.8606**, and the grayscale version is **79.3640, 83.4971, 90.9283**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7758, 48.3181, 53.0762** is the 20% darker color. If you saturate the color by 10%, you get **68.3704, 83.7831, 92.1211**, and if you desaturate by 10%, it is **83.7201, 91.5323, 100.2398**.

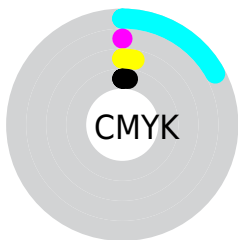
Distribution



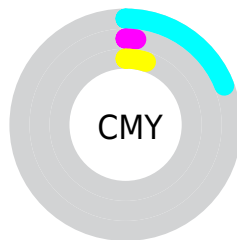
- Red (81%)
- Green (98%)
- Blue (95%)



- Red (81%)
- Yellow (90%)
- Blue (98%)



- Cyan (17%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)



- Cyan (19%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4850, 87.3676, 96.1042 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 75.4850, 87.3676, 96.1042 by changing the saturation by 10% instead.

75.4850, 87.3676,
96.1042

75.4850, 87.3676,
96.1042

468.5545,
519.4300, 568.7683

56.3059, 65.7995,
72.4524

125.9829,
143.6764, 157.7979

40.6862, 48.1096,
53.0392

158.0324,
179.1858, 196.6769

28.2605, 33.9137,
37.4461

195.1027,
220.1112, 241.4686

18.6636, 22.8273,
25.2546

237.5593,
266.8368, 292.5917

11.5300, 14.4660,
16.0461

285.7674,
319.7471, 350.4647

6.4944, 8.4455,
9.4021

340.0923,

3.1915, 4.3813,

379.2265, 415.5061

4.9040

400.8996,
445.6593, 488.1345

■ 1.2558, 1.8891,
2.1333

■ 0.1498, 0.5418,
0.6355

■ 75.4850, 87.3676,
96.1042

■ 75.4850, 87.3676,
96.1042

■ 68.3704, 83.7831,
92.1211

■ 83.7201, 91.5323,
100.2398

■ 62.3175, 80.7414,
88.2815

■ 92.4497, 95.9475,
104.4938

■ 57.2732, 78.2176,
84.5840

■ 93.1673, 96.2345,
108.2724

■ 53.1768, 76.1804,
81.0251

■ 49.9612, 74.5951,
77.6008

■ 47.5501, 73.4225,
74.3068

■ 45.8541, 72.6166,
71.1383

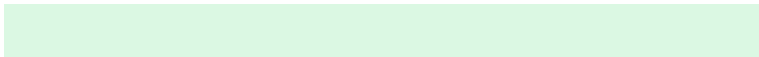
■ 44.7597, 72.1188,
68.0890

■ 44.4857, 71.9979,
67.1558

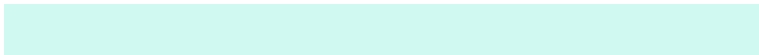
Harmonies

Analogous

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



76.3089, 87.3676, 85.1748



75.4850, 87.3676, 96.1042



76.6303, 87.3676, 107.6475

Triad

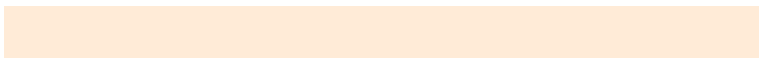
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4850, 87.3676, 96.1042



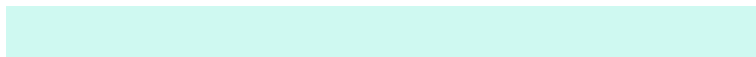
87.3037, 87.3676, 115.2527



86.6970, 87.3676, 76.6497

Complementary

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



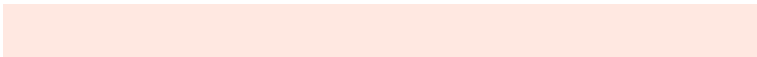
75.4850, 87.3676, 96.1042



73.6486, 69.6741, 73.8606

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.



89.7982, 87.3676, 83.6197



75.4850, 87.3676, 96.1042



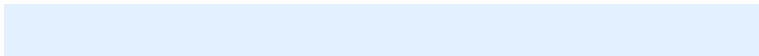
90.1564, 87.3676, 105.8289

Square

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



75.4850, 87.3676, 96.1042



83.3803, 87.3676, 119.2505



91.0836, 87.3676, 94.1594



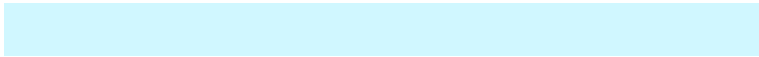
82.7012, 87.3676, 74.5007

Rectangle

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



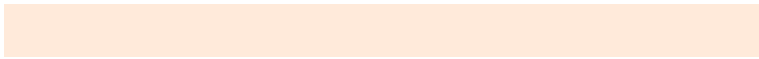
75.4850, 87.3676, 96.1042



78.3788, 87.3676, 113.9831



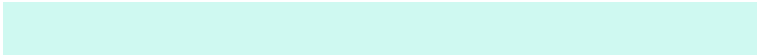
91.0836, 87.3676, 94.1594



87.8830, 87.3676, 78.4769

Sweetspot

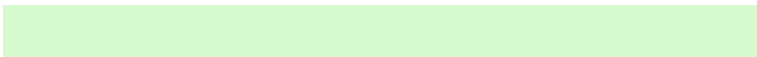
The Sweet Spot groups the original color and five complimentary colors.



75.4875, 87.3712, 96.1062



90.1251, 97.5060, 106.6407



73.2828, 86.7678, 71.9185



19.1477, 20.7980, 22.7582



0.0000, 0.0000, 0.0000



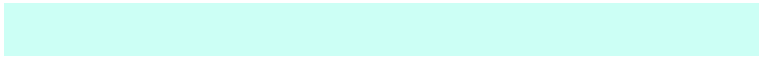
20.3446, 21.4041, 23.3091

Same Dimension

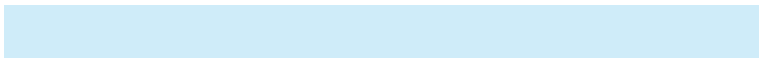
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4875, 87.3712, 96.1062



77.1864, 90.9672, 100.1026



72.9445, 80.3296, 101.2873



17.6157, 19.5485, 21.4426



23.8618, 38.5577, 36.2111



2.2453, 3.5852, 3.5394

Inverse Universe

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



73.6486, 69.6741, 73.8606



74.9344, 69.2864, 72.8536



75.8207, 75.6241, 69.6338



17.3797, 17.2792, 18.5894



21.2297, 10.9076, 2.6520



2.0011, 1.0242, 0.4293

Previews

White Background



This preview shows how the XYZ color 75.4850, 87.3676, 96.1042 looks on a white background.

Color Contrast Check

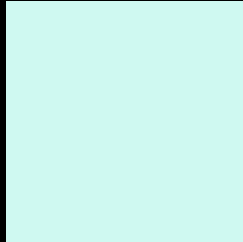
Large Text (above 18pt) WCAG AA × Fail

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 75.4850, 87.3676, 96.1042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

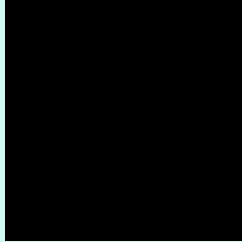
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

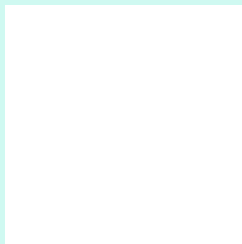
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.4850, 87.3676, 96.1042

Background



This preview shows how black text looks on a background with the XYZ color 75.4850, 87.3676, 96.1042.



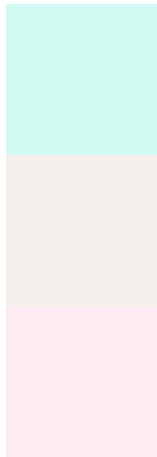
This preview shows how white text looks on a background with the XYZ color 75.4850, 87.3676,

96.1042.

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

75.4850, 87.3676, 96.1042

Protanopia

83.5181, 87.1436, 91.0158

Deuteranopia

87.1260, 87.1477, 97.0232



Tritanopia

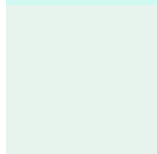
80.8411, 87.1685, 107.1722

Trichromacy



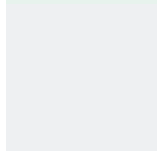
Original Color

75.4850, 87.3676, 96.1042



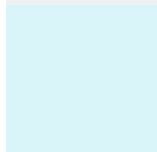
Protanomaly

80.2917, 87.2045, 92.7211



Deuteranomaly

82.4470, 86.9081, 96.4339



Tritanomaly

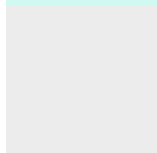
78.8212, 87.1124, 103.1025

Monochromacy



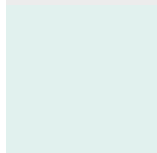
Original Color

75.4850, 87.3676, 96.1042



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.9393, 85.0912, 93.2053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4850, 87.3676, 96.1042 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(207, 249, 241)` looks like.

```
.text, #text, p{  
    color:rgb(207, 249, 241)  
}
```

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(207, 249, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 249, 241) }
```

Border

The CSS property to change the border of an element to XYZ 75.4850, 87.3676, 96.1042 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(207, 249, 241) }
```


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

```
.border{ border-color:rgb(207, 249, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 249, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 249, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 249, 241);  
box-shadow:4px 4px 4px 4px rgb(207, 249,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4850, 87.3676, 96.1042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 249, 241) }
```

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

```
.background{ background-color: rgb(207,  
249, 241) }
```

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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