

Converting Colors

XYZ(87.6395, 100.0000,
75.5252)

Have a look what the booklet for
XYZ(87.6395, 100.0000, 75.5252)
contains.

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Color

**XYZ(85.7506, 95.9473,
74.9729)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F7FFD2 |
| RGB | 247, 255, 210 |
| RGB Percent | 97%, 100%, 82% |
| CMY | 0.0314, 0.0000, 0.1765 |
| CMYK | 0.03, 0.00, 0.18, 0.00 |
| HSL | 71°, 100%, 91% |
| HSV | 71°, 18%, 100% |
| XYZ | 85.7506, 95.9473, 74.9729 |
| YIQ | 247.4780, 9.6770, -15.6910 |

Conversions

Conversions Part 2

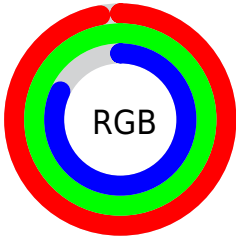
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 210, 255, 218 |
| Decimal | 16252882 |
| CIE _{Lab} | 98.41, -10.02, 20.65 |
| CIE _{LCh} | 98, 22.953, 115.872 |
| Y _{xy} | 95.9473, 0.3341, 0.3738 |
| Android (android.graphics.Color) | 4294442962 (0xFFFF7FFD2) |
| YUV | 247.4780, -18.4767, -0.4192 |
| Hunter-Lab | 97.9527, -15.1532, 23.1864 |

Details

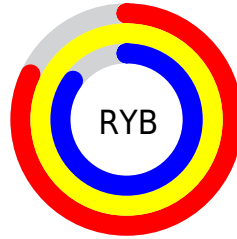
The XYZ color **85.7506, 95.9473, 74.9729** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **70.0110, 68.2199, 104.0855**, and the grayscale version is **88.9367, 93.5683, 101.8959**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3457, 53.7019, 38.8805** is the 20% darker color. If you saturate the color by 10%, you get **81.2431, 93.9619, 59.4783**, and if you desaturate by 10%, it is **90.8043, 98.1557, 93.1382**.

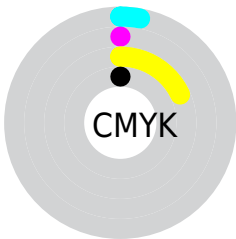
Distribution



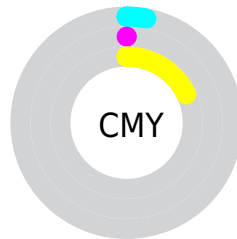
- Red (97%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (85%)



- Cyan (3%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.7506, 95.9473, 74.9729 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 85.7506, 95.9473, 74.9729 by changing the saturation by 10% instead.


 85.7506, 95.9473,
74.9729

 85.7506, 95.9473,
74.9729


502.5548,
547.1932, 497.0774

 64.7863, 72.9237,
55.0891


140.3300,
155.5727, 128.0207

 47.5519, 53.9135,
39.0740


174.6759,
192.9432, 162.0219

 33.6819, 38.5326,
26.5090


214.2130,
235.8649, 201.5658

 22.8111, 26.3963,
16.9756

259.3068,
284.7220, 247.0712

 14.5740, 17.1203,
10.0554

310.3224,
339.8990, 298.9565

 8.6053, 10.3203,
5.3296

367.6254,

 4.5397, 5.6119,

401.7803, 357.6402

2.3798

431.5811,
470.7502, 423.5410

■ 2.0118, 2.6105,
0.7754

■ 0.6406, 0.9320,
0.0000

■ 85.7506, 95.9473,
74.9729

■ 85.7506, 95.9473,
74.9729

■ 81.2431, 93.9619,
59.4783

■ 90.8043, 98.1557,
93.1382

■ 77.2561, 92.1891,
46.5243

95.0500, 100.0000,
108.9000

■ 73.7639, 90.6186,
35.9760

■ 70.7380, 89.2391,
27.6845

■ 68.1466, 88.0378,
21.4845

■ 65.9539, 87.0002,
17.1877

■ 64.1173, 86.1094,
14.5727

■ 62.5812, 85.3430,
13.3468

■ 62.2441, 85.1731,
13.1594

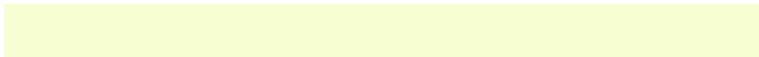
Harmonies

Analogous

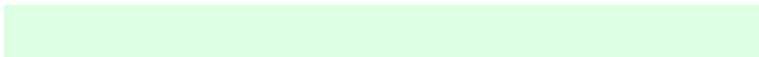
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.1147, 95.9473, 72.1549



85.7506, 95.9473, 74.9729



81.0552, 95.9473, 85.3168

Triad

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



85.7506, 95.9473, 74.9729



84.2359, 95.9473, 137.6593



104.4943, 95.9473, 107.1173

Complementary

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



85.7506, 95.9473, 74.9729



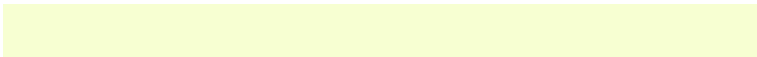
70.0110, 68.2199, 104.0855

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.



102.1471, 95.9473, 126.2951



85.7506, 95.9473, 74.9729



90.2815, 95.9473, 145.2285

Square

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



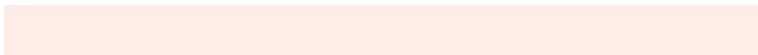
85.7506, 95.9473, 74.9729



80.2108, 95.9473, 121.2054



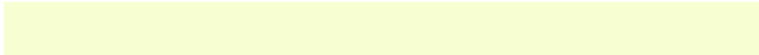
96.8652, 95.9473, 140.8385



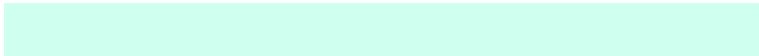
103.1389, 95.9473, 89.3512

Rectangle

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



85.7506, 95.9473, 74.9729



79.3955, 95.9473, 95.8194



96.8652, 95.9473, 140.8385



104.1092, 95.9473, 113.6268

Sweetspot

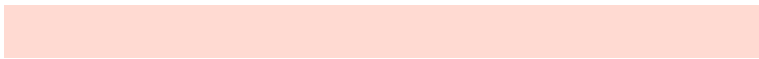
The Sweet Spot groups the original color and five complimentary colors.



85.7512, 95.9475, 74.9743



92.2356, 98.7785, 98.4062



77.8155, 75.7980, 71.5033



19.6600, 21.1069, 20.7595



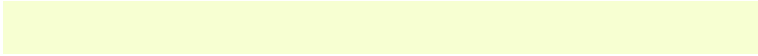
0.0000, 0.0000, 0.0000



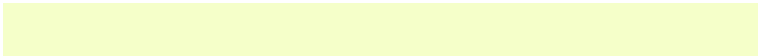
20.3446, 21.4041, 23.3091

Same Dimension

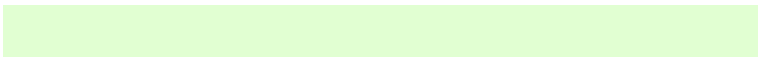
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.7512, 95.9475, 74.9743



84.1797, 95.2573, 69.4860



78.4449, 92.1810, 74.6324



19.2258, 20.9178, 19.1686



32.6391, 44.5642, 6.8815



3.2571, 4.3798, 0.6737

Inverse Universe

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



70.0110, 68.2199, 104.0855



65.8970, 63.0478, 103.3040



77.0325, 71.8396, 104.4141



17.3040, 17.5330, 22.7221



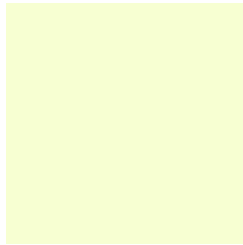
10.0911, 4.1127, 49.6965



1.0608, 0.4408, 4.8424

Previews

White Background



This preview shows how the XYZ color 85.7506, 95.9473, 74.9729 looks on a white background.

Color Contrast Check

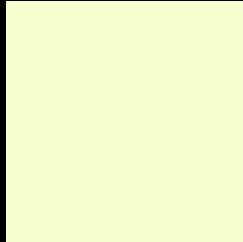
Large Text (above 18pt) WCAG AA × Fail

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 85.7506, 95.9473, 74.9729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

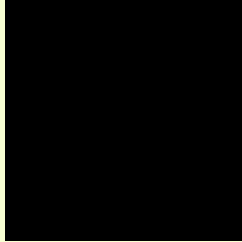
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.7506, 95.9473, 74.9729

Background



This preview shows how black text looks on a background with the XYZ color 85.7506, 95.9473, 74.9729.



This preview shows how white text looks on a background with the XYZ color 85.7506, 95.9473,

74.9729.

Color Blindness Simulation

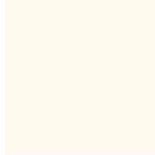
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

85.7506, 95.9473, 74.9729



Protanopia

90.7117, 95.7456, 93.8205



Deuteranopia

91.7502, 95.6652, 100.8182

Tritanopia

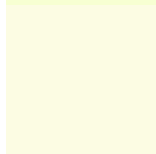
92.0706, 95.6668, 108.2206

Trichromacy



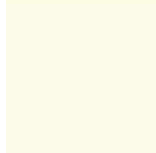
Original Color

85.7506, 95.9473, 74.9729



Protanomaly

88.8204, 95.8623, 86.4950



Deuteranomaly

89.3500, 95.5730, 90.8290



Tritanomaly

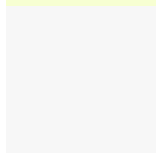
89.5015, 95.5503, 95.3872

Monochromacy



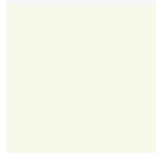
Original Color

85.7506, 95.9473, 74.9729



Achromatopsia

88.4070, 93.0111, 101.2891



Achromatomaly

87.3947, 94.0859, 91.3961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.7506, 95.9473, 74.9729 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(247, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 210)  
}
```

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(247, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 210) }
```

Border

The CSS property to change the border of an element to XYZ 85.7506, 95.9473, 74.9729 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(247, 255, 210) }
```


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

```
.border{ border-color:rgb(247, 255, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 255, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(247, 255,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 85.7506, 95.9473, 74.9729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 255, 210) }
```

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

```
.background{ background-color: rgb(247,  
255, 210) }
```

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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