

Converting Colors

XYZ(74.5622, 88.1781, 34.4158)

Have a look what the booklet for
XYZ(74.5622, 88.1781, 34.4158)
contains.

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Color

**XYZ(74.5904, 88.2673,
34.5787)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F983
RGB	242, 249, 131
RGB Percent	95%, 98%, 51%
CMY	0.0510, 0.0235, 0.4863
CMYK	0.03, 0.00, 0.47, 0.02
HSL	64°, 91%, 75%
HSV	64°, 47%, 98%
XYZ	74.5904, 88.2673, 34.5787
YIQ	233.4550, 33.7060, -38.1820

Conversions

Conversions Part 2

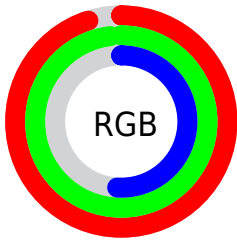
Format	Color
RYB	131, 249, 138
Decimal	15923587
CIELab	95.27, -18.43, 55.40
CIElCh	95, 58.384, 108.402
Yxy	88.2673, 0.3778, 0.4471
Android (android.graphics.Color)	4294113667 (0xFFFF2F983)
YUV	233.4550, -50.5103, 7.4940
Hunter-Lab	93.9507, -22.6969, 43.9437

Details

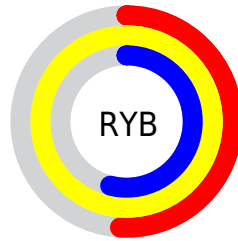
The XYZ color **74.5904, 88.2673, 34.5787** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **35.6995, 28.4776, 93.2429**, and the grayscale version is **78.1484, 82.2182, 89.5356**.

A 20% lighter version of the original color is **85.8629, 96.3252, 60.5215**, and **40.2123, 48.8803, 14.5232** is the 20% darker color. If you saturate the color by 10%, you get **72.5970, 87.4147, 26.7101**, and if you desaturate by 10%, it is **76.9977, 89.2923, 44.5868**.

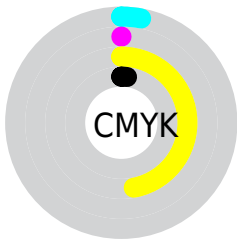
Distribution



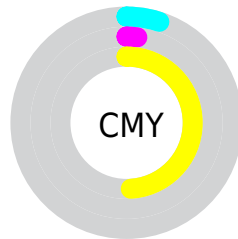
- Red (95%)
- Green (98%)
- Blue (51%)



- Red (51%)
- Yellow (98%)
- Blue (54%)



- Cyan (3%)
- Magenta (0%)
- Yellow (47%)
- Black (2%)





- Cyan (5%)
- Magenta (2%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.5904, 88.2673, 34.5787 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 74.5904, 88.2673, 34.5787 by changing the saturation by 10% instead.


 74.5904, 88.2673,
34.5787

 74.5904, 88.2673,
34.5787


465.5274,
522.3782, 337.5524


 55.5704, 66.5445,
23.0576


 124.7234,
144.9292, 67.9767

 40.0942, 48.7145,
14.4303


 156.5671,
180.6371, 90.6907

 27.7966, 34.3931,
8.2784


 193.4161,
221.7755, 117.9728

 18.3120, 23.1957,
4.1833

235.6357,
268.7287, 150.2414

 11.2753, 14.7381,
1.7264

283.5912,
321.8812, 187.9151

 6.3210, 8.6358,
0.3787

337.6482,

 3.0837, 4.5044,

381.6173, 231.4125

0.0000

398.1718,
448.3215, 281.1521

■ 1.1982, 1.9595,
0.0000

■ 0.1049, 0.5838,
0.0000

■ 74.5904, 88.2673,
34.5787

■ 74.5904, 88.2673,
34.5787

■ 72.5970, 87.4147,
26.7101

■ 76.9977, 89.2923,
44.5868

■ 70.9815, 86.7106,
20.8201


■ 79.8392, 90.4882,
56.8690


■ 69.7127, 86.1456,
16.7337


■ 83.1414, 91.8689,
71.5554

■ 68.7509, 85.7039,
14.2431


■ 86.9267, 93.4433,
88.7646

 68.0447, 85.3650,
13.0774


 91.1346, 95.1872,
108.1774

 67.8821, 85.2853,
12.8839

 91.6648, 95.4606,
108.2022

 92.1992, 95.7360,
108.2272

 92.7377, 96.0137,
108.2524

 93.1677, 96.2353,
108.2726

Harmonies

Analogous

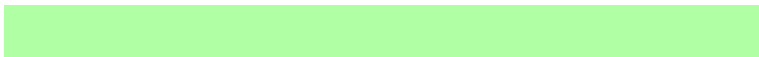
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.2066, 88.2673, 33.2329



74.5904, 88.2673, 34.5787



63.0063, 88.2673, 48.8323

Triad

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



74.5904, 88.2673, 34.5787



65.1549, 88.2673, 177.7909



117.6284, 88.2673, 114.8489

Complementary

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



74.5904, 88.2673, 34.5787



35.6995, 28.4776, 93.2429

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.



108.9559, 88.2673, 166.9222



74.5904, 88.2673, 34.5787



77.8857, 88.2673, 210.2294

Square

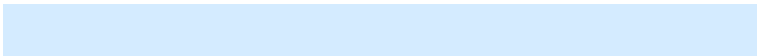
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.5904, 88.2673, 34.5787



58.0532, 88.2673, 126.5542



93.9438, 88.2673, 205.7197



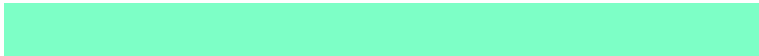
116.4532, 88.2673, 70.9843

Rectangle

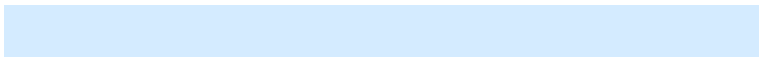
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.5904, 88.2673, 34.5787



58.5115, 88.2673, 67.2938



93.9438, 88.2673, 205.7197



115.7277, 88.2673, 132.1580

Sweetspot

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



74.5925, 88.2713, 34.5805



89.0502, 97.5105, 81.3530



52.0981, 39.6436, 26.3800



18.8822, 20.7970, 16.6070



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

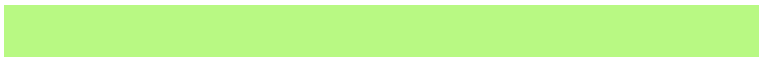
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5925, 88.2713, 34.5805



76.6913, 92.2979, 28.4254



57.7669, 79.5974, 33.7931



18.6196, 20.1352, 18.3675



36.3777, 45.6717, 6.8982



3.3992, 4.2455, 0.6403

Inverse Universe

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



35.6995, 28.4776, 93.2429



31.0976, 22.1677, 97.2475



47.9569, 34.7965, 93.8165



16.3784, 16.6922, 21.7440



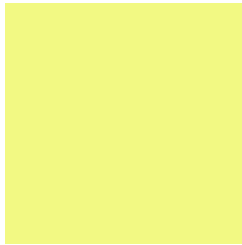
9.2935, 3.7337, 48.2044



0.8932, 0.3625, 4.4661

Previews

White Background



This preview shows how the XYZ color 74.5904, 88.2673, 34.5787 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 74.5904, 88.2673, 34.5787 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 74.5904, 88.2673, 34.5787

Background



This preview shows how black text looks on a background with the XYZ color 74.5904, 88.2673, 34.5787.

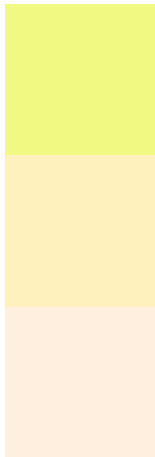


This preview shows how white text looks on a background with the XYZ color 74.5904, 88.2673,

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

74.5904, 88.2673, 34.5787

Protanopia

81.9896, 87.8883, 61.3580

Deuteranopia

85.2913, 88.2669, 81.6491



Tritanopia

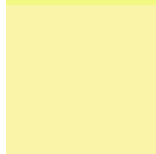
88.6780, 87.7685, 105.1957

Trichromacy



Original Color

74.5904, 88.2673, 34.5787



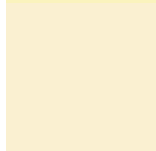
Protanomaly

78.9365, 87.8899, 50.3402



Deuteranomaly

80.6602, 88.0993, 60.8977



Tritanomaly

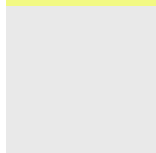
82.0931, 87.2476, 72.8353

Monochromacy



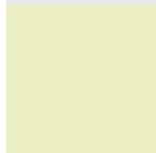
Original Color

74.5904, 88.2673, 34.5787



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

75.4224, 83.5514, 64.3764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5904, 88.2673, 34.5787 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(242, 249, 131)` looks like.

```
.text, #text, p{  
    color:rgb(242, 249, 131)  
}
```

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(242, 249, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 249, 131) }
```

Border

The CSS property to change the border of an element to XYZ 74.5904, 88.2673, 34.5787 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(242, 249, 131) }
```


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

```
.border{ border-color:rgb(242, 249, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 249, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 249, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 249, 131);  
box-shadow:4px 4px 4px 4px rgb(242, 249,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5904, 88.2673, 34.5787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 249, 131) }
```

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

```
.background{ background-color: rgb(242,  
249, 131) }
```

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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