

Converting Colors

XYZ(74.2319, 83.6131, 55.8853)

Have a look what the booklet for
XYZ(74.2319, 83.6131, 55.8853)
contains.

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Color

**XYZ(74.0926, 83.4892,
55.9260)**

Conversions

Conversions Part 1

Format	Color
Hex	ECF0B5
RGB	236, 240, 181
RGB Percent	93%, 94%, 71%
CMY	0.0745, 0.0588, 0.2902
CMYK	0.02, 0.00, 0.25, 0.06
HSL	64°, 66%, 83%
HSV	64°, 25%, 94%
XYZ	74.0926, 83.4892, 55.9260
YIQ	232.0780, 16.5550, -19.1970

Conversions

Conversions Part 2

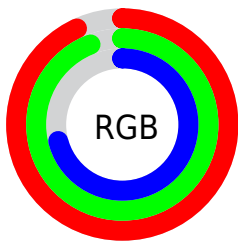
Format	Color
R_{YB}	181, 240, 185
Decimal	15528117
CIE _{Lab}	93.23, -10.64, 28.15
CIE _{LCh}	93, 30.099, 110.710
Yxy	83.4892, 0.3470, 0.3910
Android (android.graphics.Color)	4293718197 (0xFFE0F0B5)
YUV	232.0780, -25.1815, 3.4396
Hunter-Lab	91.3724, -15.1586, 27.6713

Details

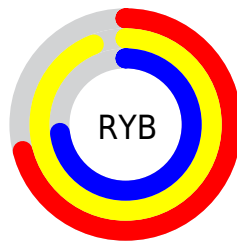
The XYZ color **74.0926, 83.4892, 55.9260** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **52.2629, 49.6555, 89.2727**, and the grayscale version is **76.9359, 80.9425, 88.1464**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **39.8592, 45.5428, 27.1119** is the 20% darker color. If you saturate the color by 10%, you get **71.3014, 82.3134, 44.0291**, and if you desaturate by 10%, it is **77.3173, 84.8447, 70.0610**.

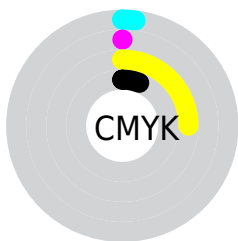
Distribution



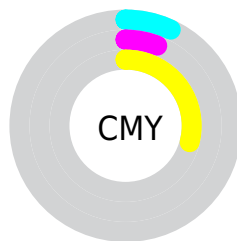
- Red (93%)
- Green (94%)
- Blue (71%)



- Red (71%)
- Yellow (94%)
- Blue (73%)



- Cyan (2%)
- Magenta (0%)
- Yellow (25%)
- Black (6%)



- Cyan (7%)
- Magenta (6%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0926, 83.4892, 55.9260 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 74.0926, 83.4892, 55.9260 by changing the saturation by 10% instead.

74.0926, 83.4892,
55.9260

74.0926, 83.4892,
55.9260

463.8383,
506.6155, 426.7930

55.1614, 62.5938,
39.7400

124.0219,
138.2604, 100.3811

39.7653, 45.5127,
27.0236

155.7506,
172.9050, 129.4873

27.5390, 31.8614,
17.3584

192.4759,
212.9015, 163.7372

18.1171, 21.2557,
10.3257

234.5632,
258.6342, 203.5495

11.1343, 13.3110,
5.5070

282.3776,
310.4876, 249.3427

6.2252, 7.6431,
2.4838

336.2848,

3.0245, 3.8674,

368.8460, 301.5354

0.8316

396.6498,
434.0938, 360.5459

■ 1.1667, 1.5997,
0.0000

■ 0.0798, 0.3574,
0.0000

■ 74.0926, 83.4892,
55.9260

■ 74.0926, 83.4892,
55.9260

■ 71.3014, 82.3134,
44.0291

■ 77.3173, 84.8447,
70.0610

■ 68.9155, 81.2974,
34.2504

■ 80.9893, 86.3769,
86.5350

■ 66.9134, 80.4355,
26.4670

■ 85.1297, 88.0970,
105.4494

■ 65.2690, 79.7172,
20.5412

■ 86.0078, 88.5127,
107.1593

63.9526, 79.1307,
16.3178

86.5712, 88.8031,
107.1857

62.9302, 78.6623,
13.6167

87.1395, 89.0961,
107.2123

62.1597, 78.2953,
12.2170

87.7129, 89.3917,
107.2391

61.8133, 78.1251,
11.8217

88.2913, 89.6899,
107.2662

88.8748, 89.9907,
107.2935

Harmonies

Analogous

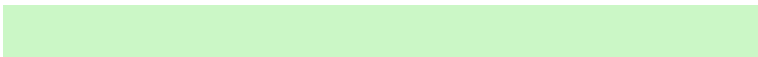
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.8364, 83.4892, 54.3179



74.0926, 83.4892, 55.9260



68.1481, 83.4892, 66.0031

Triad

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



74.0926, 83.4892, 55.9260



70.1012, 83.4892, 128.9850



95.3414, 83.4892, 98.1252

Complementary

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



74.0926, 83.4892, 55.9260



52.2629, 49.6555, 89.2727

Split Complementary

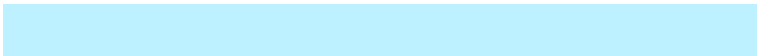
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.7255, 83.4892, 121.3951



74.0926, 83.4892, 55.9260



76.9223, 83.4892, 141.0630

Square

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



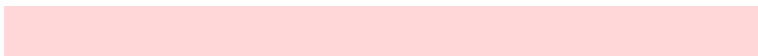
74.0926, 83.4892, 55.9260



65.9522, 83.4892, 107.2072



84.8587, 83.4892, 138.0756



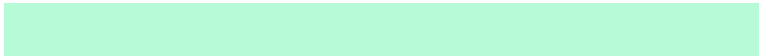
94.4583, 83.4892, 76.3463

Rectangle

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



74.0926, 83.4892, 55.9260



65.8383, 83.4892, 77.2532



84.8587, 83.4892, 138.0756



94.6033, 83.4892, 106.0785

Sweetspot

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



74.0948, 83.4929, 55.9278



91.8636, 98.6741, 94.4400



61.6135, 56.5337, 51.3819



19.6064, 21.0969, 19.9610



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

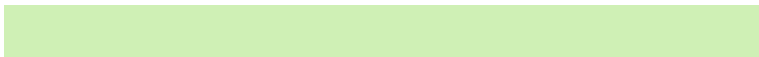
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.0948, 83.4929, 55.9278



83.2012, 95.0428, 56.3431



65.1149, 78.8636, 55.5075



17.0108, 18.4012, 16.8049



33.8817, 42.7882, 6.4732



2.8502, 3.5759, 0.5400

Inverse Universe

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



52.2629, 49.6555, 89.2727



53.7639, 49.4127, 101.3117



60.1129, 53.7024, 89.6400



14.9966, 15.2800, 19.8805



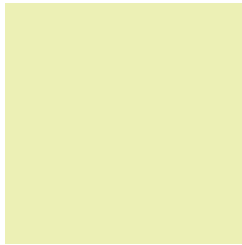
8.7680, 3.5255, 45.3462



0.7639, 0.3111, 3.7740

Previews

White Background



This preview shows how the XYZ color 74.0926, 83.4892, 55.9260 looks on a white background.

Color Contrast Check

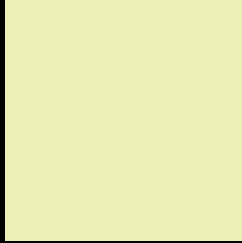
Large Text (above 18pt) WCAG AA × Fail

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 74.0926, 83.4892, 55.9260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

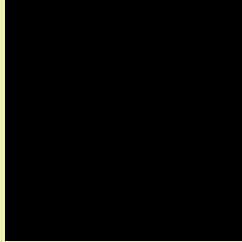
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.0926, 83.4892, 55.9260

Background



This preview shows how black text looks on a background with the XYZ color 74.0926, 83.4892, 55.9260.

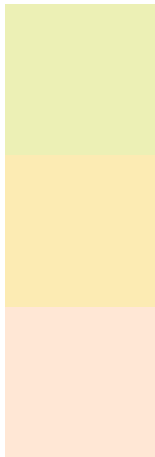


This preview shows how white text looks on a background with the XYZ color 74.0926, 83.4892,

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

74.0926, 83.4892, 55.9260

Protanopia

77.9899, 83.3668, 54.6287

Deuteranopia

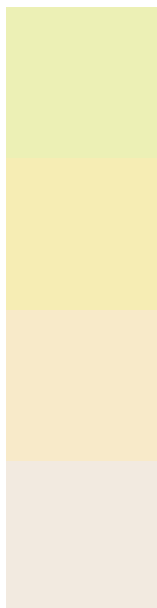
81.8262, 83.2159, 74.7004



Tritanopia

83.3310, 83.4039, 101.3291

Trichromacy



Original Color

74.0926, 83.4892, 55.9260

Protanomaly

76.5284, 83.4565, 55.2552

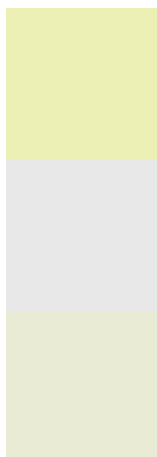
Deuteranomaly

78.6768, 83.0191, 67.1359

Tritanomaly

79.4953, 83.1047, 82.3720

Monochromacy



Original Color

74.0926, 83.4892, 55.9260

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.3228, 81.5444, 74.7205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0926, 83.4892, 55.9260 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(236, 240, 181)` looks like.

```
.text, #text, p{  
    color:rgb(236, 240, 181)  
}
```

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(236, 240, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 240, 181) }
```

Border

The CSS property to change the border of an element to XYZ 74.0926, 83.4892, 55.9260 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(236, 240, 181) }
```


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

```
.border{ border-color:rgb(236, 240, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 240, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 240, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 240, 181);  
box-shadow:4px 4px 4px 4px rgb(236, 240,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0926, 83.4892, 55.9260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 240, 181) }
```

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

```
.background{ background-color: rgb(236,  
240, 181) }
```

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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