

Converting Colors

XYZ(70.0526, 74.1991, 59.9199)

Have a look what the booklet for
XYZ(70.0526, 74.1991, 59.9199)
contains.

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Color

**XYZ(70.0526, 74.1991,
59.9199)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDFBF
RGB	235, 223, 191
RGB Percent	92%, 87%, 75%
CMY	0.0784, 0.1255, 0.2510
CMYK	0.00, 0.05, 0.19, 0.08
HSL	44°, 52%, 84%
HSV	44°, 19%, 92%
XYZ	70.0526, 74.1991, 59.9199
YIQ	222.9400, 17.4240, -7.4080

Conversions

Conversions Part 2

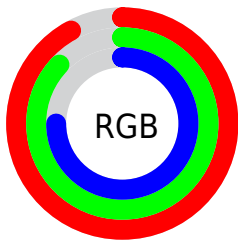
Format	Color
RYB	208, 235, 191
Decimal	15458239
CIELab	89.02, -1.01, 17.17
CIELCh	89, 17.197, 93.370
Yxy	74.1991, 0.3431, 0.3634
Android (android.graphics.Color)	4293648319 (0xFFE8DFBF)
YUV	222.9400, -15.7464, 10.5766
Hunter-Lab	86.1389, -5.5777, 19.0539

Details

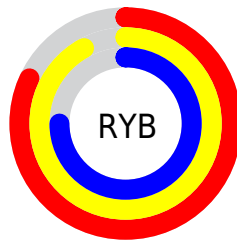
The XYZ color **70.0526, 74.1991, 59.9199** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.8370, 59.7851, 87.0891**, and the grayscale version is **70.1979, 73.8537, 80.4267**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **37.1805, 39.4239, 29.6947** is the 20% darker color. If you saturate the color by 10%, you get **65.9924, 69.8903, 46.8149**, and if you desaturate by 10%, it is **74.5965, 78.8101, 75.2351**.

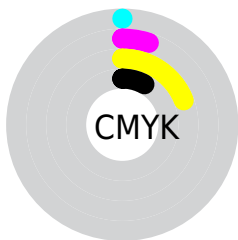
Distribution



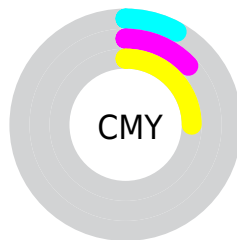
- Red (92%)
- Green (87%)
- Blue (75%)



- Red (82%)
- Yellow (92%)
- Blue (75%)



- Cyan (0%)
- Magenta (5%)
- Yellow (19%)
- Black (8%)



- Cyan (8%)
- Magenta (13%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.0526, 74.1991, 59.9199 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 70.0526, 74.1991, 59.9199 by changing the saturation by 10% instead.

70.0526, 74.1991,
59.9199

70.0526, 74.1991,
59.9199

449.9982,
475.1602, 442.0989

51.8492, 54.9570,
42.9292

118.3096,
125.1780, 106.2557

37.1086, 39.3673,
29.4986

149.0939,
157.6836, 136.4379

25.4657, 27.0456,
19.2095

184.8026,
195.3792, 171.8543

16.5549, 17.6075,
11.6434

225.8009,
238.6491, 212.9235

10.0110, 10.6685,
6.3818

272.4543,
287.8778, 260.0640

5.4686, 5.8444,
3.0061

325.1280,

2.5623, 2.7507,

343.4496, 313.6944

1.0977

384.1876,
405.7490, 374.2332

■ 0.9268, 1.0030,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.0526, 74.1991,
59.9199

■ 70.0526, 74.1991,
59.9199

■ 65.9924, 69.8903,
46.8149

■ 74.5965, 78.8101,
75.2351

■ 62.3896, 65.8644,
35.8110

■ 79.6374, 83.7221,
92.8530

■ 59.2240, 62.1147,
26.7972

■ 84.1304, 88.5208,
107.2598

■ 56.4715, 58.6305,
19.6501

■ 86.0732, 92.4063,
107.9074

■ 54.1054, 55.3999,
14.2324

■ 88.0712, 96.4023,
108.5734

■ 52.0954, 52.4095,
10.3881

■ 50.4056, 49.6437,
7.9324

■ 48.9833, 47.0802,
6.5919

■ 48.8119, 46.7637,
6.4536

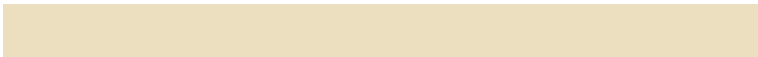
Harmonies

Analogous

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



74.1886, 74.1991, 61.9098



70.0526, 74.1991, 59.9199



66.1946, 74.1991, 63.0498

Triad

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



70.0526, 74.1991, 59.9199



64.0219, 74.1991, 94.1252



77.9561, 74.1991, 91.5540

Complementary

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



70.0526, 74.1991, 59.9199



57.8370, 59.7851, 87.0891

Split Complementary

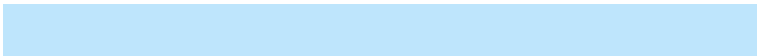
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.0383, 74.1991, 101.5804



70.0526, 74.1991, 59.9199



66.9822, 74.1991, 103.1649

Square

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



70.0526, 74.1991, 59.9199



62.8004, 74.1991, 82.1509



70.9975, 74.1991, 106.0183



78.8562, 74.1991, 79.4446

Rectangle

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



70.0526, 74.1991, 59.9199



64.2682, 74.1991, 67.8189



70.9975, 74.1991, 106.0183



77.1732, 74.1991, 95.3182

Sweetspot

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



70.0546, 74.2024, 59.9215



91.3674, 96.4210, 96.0001



63.7278, 59.2588, 64.8721



19.4734, 20.5564, 20.2607



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.



70.0546, 74.2024, 59.9215



82.6108, 87.5262, 66.5122



70.3100, 79.2615, 60.8845



15.9846, 16.8921, 15.9367



27.2774, 26.2491, 3.6289



2.2212, 2.2197, 0.3114

Inverse Universe

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



57.8370, 59.7851, 87.0891



65.6723, 67.5398, 104.1829



57.5892, 55.6137, 86.2970



14.5653, 15.2171, 19.0918



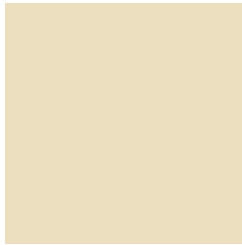
9.4589, 5.5649, 44.3186



0.8205, 0.5926, 3.5060

Previews

White Background



This preview shows how the XYZ color 70.0526, 74.1991, 59.9199 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 70.0526, 74.1991, 59.9199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

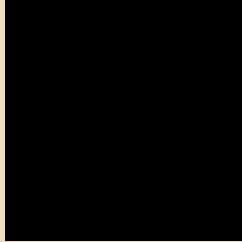
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

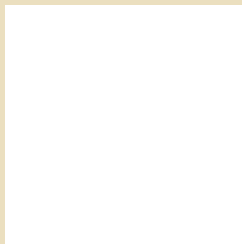
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.0526, 74.1991, 59.9199

Background



This preview shows how black text looks on a background with the XYZ color 70.0526, 74.1991, 59.9199.



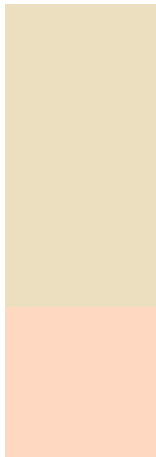
This preview shows how white text looks on a background with the XYZ color 70.0526, 74.1991, 59.9199.

59.9199.

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

70.0526, 74.1991, 59.9199

Protanopia

70.0526, 74.1991, 59.9199

Deuteranopia

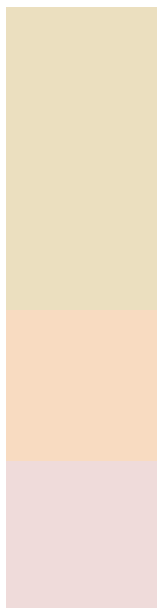
75.5335, 74.2668, 61.3928



Tritanopia

75.9398, 74.2670, 88.1744

Trichromacy



Original Color

70.0526, 74.1991, 59.9199

Protanomaly

70.0526, 74.1991, 59.9199

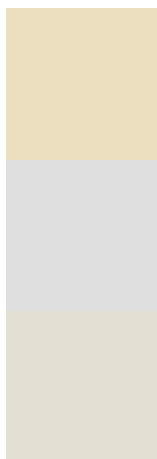
Deuteranomaly

73.6686, 74.4698, 60.9434

Tritanomaly

73.5830, 74.0757, 76.7495

Monochromacy



Original Color

70.0526, 74.1991, 59.9199

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.8241, 73.8094, 72.1945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0526, 74.1991, 59.9199 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(235, 223, 191)` looks like.

```
.text, #text, p{  
    color:rgb(235, 223, 191)  
}
```

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(235, 223, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 223, 191) }
```

Border

The CSS property to change the border of an element to XYZ 70.0526, 74.1991, 59.9199 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(235, 223, 191) }
```


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

```
.border{ border-color:rgb(235, 223, 191) }
```

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

Here you see how a box with a 4 pixel rgb(235, 223, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 223, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 223, 191);  
box-shadow:4px 4px 4px 4px rgb(235, 223,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0526, 74.1991, 59.9199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 223, 191) }
```

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

```
.background{ background-color: rgb(235,  
223, 191) }
```

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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