

Converting Colors

XYZ(76.6418, 82.6772, 70.5718)

Have a look what the booklet for
XYZ(76.6418, 82.6772, 70.5718)
contains.

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Color

**XYZ(76.7326, 82.7979,
70.3299)**

Conversions

Conversions Part 1

Format	Color
Hex	EFECCE
RGB	239, 236, 206
RGB Percent	94%, 93%, 81%
CMY	0.0627, 0.0745, 0.1921
CMYK	0.00, 0.01, 0.14, 0.06
HSL	55°, 51%, 87%
HSV	55°, 14%, 94%
XYZ	76.7326, 82.7979, 70.3299
YIQ	233.4770, 11.4180, -8.6940

Conversions

Conversions Part 2

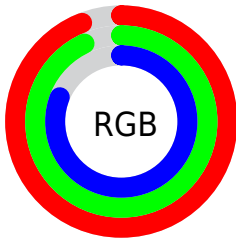
Format	Color
R _Y B	209, 239, 206
Decimal	15723726
CIE Lab	92.93, -3.94, 14.92
CIE LCh	93, 15.430, 104.792
Yxy	82.7979, 0.3338, 0.3602
Android (android.graphics.Color)	4293913806 (0xFFEFECCE)
YUV	233.4770, -13.5462, 4.8437
Hunter-Lab	90.9934, -8.7134, 17.8694

Details

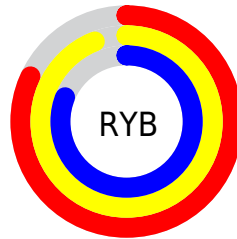
The XYZ color **76.7326, 82.7979, 70.3299** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **63.8338, 64.9533, 90.8347**, and the grayscale version is **77.9064, 81.9636, 89.2584**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5172, 44.9768, 36.1990** is the 20% darker color. If you saturate the color by 10%, you get **73.4273, 80.4854, 55.9764**, and if you desaturate by 10%, it is **80.4915, 85.3095, 87.0148**.

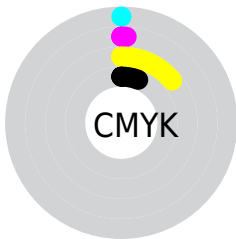
Distribution



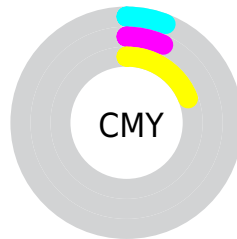
- Red (94%)
- Green (93%)
- Blue (81%)



- Red (82%)
- Yellow (94%)
- Blue (81%)



- Cyan (0%)
- Magenta (1%)
- Yellow (14%)
- Black (6%)



- Cyan (6%)
- Magenta (7%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.7326, 82.7979, 70.3299 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 76.7326, 82.7979, 70.3299 by changing the saturation by 10% instead.

76.7326, 82.7979,
70.3299

76.7326, 82.7979,
70.3299

472.7578,
504.3127, 480.5279

57.3326, 62.0234,
51.3171

127.7368,
137.2924, 121.3646

41.5135, 45.0516,
36.0825

160.0717,
171.7812, 154.2236

28.9100, 31.4981,
24.2077

197.4489,
211.6102, 192.5350

19.1567, 20.9784,
15.2742

240.2339,
257.1639, 236.7174

11.8882, 13.1082,
8.8633

288.7919,
308.8266, 287.1894

6.7393, 7.5031,
4.5565

343.4883,

3.3445, 3.7787,

366.9827, 344.3694

1.9353

404.6885,
432.0166, 408.6761

■ 1.3384, 1.5506,
0.5151

■ 0.2117, 0.3239,
0.0000

■ 76.7326, 82.7979,
70.3299

■ 76.7326, 82.7979,
70.3299

■ 73.4273, 80.4854,
55.9764

■ 80.4915, 85.3095,
87.0148

■ 70.5491, 78.3530,
43.8442

■ 84.7159, 88.0167,
106.1237

■ 68.0787, 76.3959,
33.8225

■ 85.5518, 89.3808,
107.3509

■ 65.9928, 74.6045,
25.7887

■ 86.2030, 90.6832,
107.5680

64.2657, 72.9687,
19.6076

86.8619, 92.0010,
107.7876

62.8686, 71.4767,
15.1273

87.5285, 93.3342,
108.0098

61.7680, 70.1152,
12.1717

88.2029, 94.6829,
108.2346

60.9232, 68.8679,
10.5264

88.8850, 96.0471,
108.4620

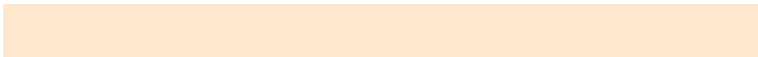
60.4901, 68.1374,
9.9637

89.4068, 97.0908,
108.6359

Harmonies

Analogous

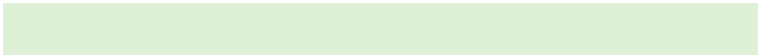
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.7499, 82.7979, 70.3653



76.7326, 82.7979, 70.3299



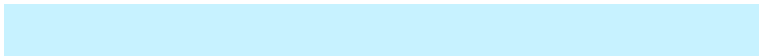
73.3561, 82.7979, 75.2850

Triad

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



76.7326, 82.7979, 70.3299



73.3181, 82.7979, 106.7318



86.4240, 82.7979, 96.1085

Complementary

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



76.7326, 82.7979, 70.3299



63.8338, 64.9533, 90.8347

Split Complementary

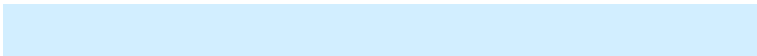
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.2908, 82.7979, 106.8596



76.7326, 82.7979, 70.3299



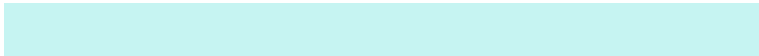
76.6791, 82.7979, 113.3404

Square

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



76.7326, 82.7979, 70.3299



71.4310, 82.7979, 95.9458



80.6945, 82.7979, 113.3891



86.4395, 82.7979, 84.5979

Rectangle

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



76.7326, 82.7979, 70.3299



71.8836, 82.7979, 81.0161



80.6945, 82.7979, 113.3891



85.9277, 82.7979, 99.9519

Sweetspot

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



76.7348, 82.8015, 70.3317



93.1563, 98.7712, 100.3811



69.2146, 67.1128, 69.8237



19.8652, 21.0925, 21.1536



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.



76.7348, 82.8015, 70.3317



87.5974, 95.0315, 75.7822



73.3092, 82.3263, 70.4205



16.9931, 18.1993, 16.7669



33.4789, 37.7560, 5.5231



2.8207, 3.2121, 0.4713

Inverse Universe

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



63.8338, 64.9533, 90.8347



69.5500, 70.0639, 104.4657



66.9259, 65.4669, 90.7708



15.0126, 15.4593, 19.9143



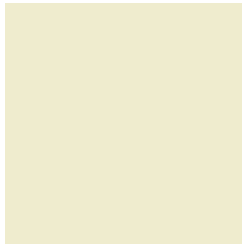
8.8051, 3.8344, 45.4039



0.7715, 0.3970, 3.7902

Previews

White Background



This preview shows how the XYZ color 76.7326, 82.7979, 70.3299 looks on a white background.

Color Contrast Check

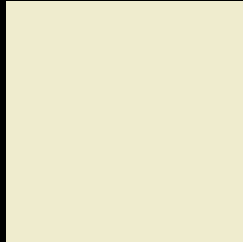
Large Text (above 18pt) WCAG AA × Fail

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 76.7326, 82.7979, 70.3299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

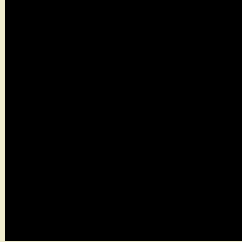
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.7326, 82.7979, 70.3299

Background



This preview shows how black text looks on a background with the XYZ color 76.7326, 82.7979, 70.3299.



This preview shows how white text looks on a background with the XYZ color 76.7326, 82.7979,

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

76.7326, 82.7979, 70.3299

Protanopia

78.4483, 82.8462, 69.6139

Deuteranopia

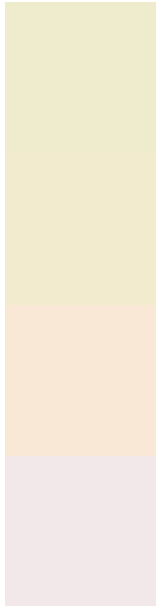
82.0455, 82.4131, 78.6009



Tritanopia

82.8963, 82.7834, 100.4166

Trichromacy



Original Color

76.7326, 82.7979, 70.3299

Protanomaly

77.6899, 82.8791, 69.6602

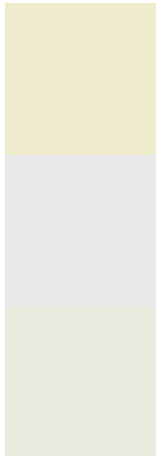
Deuteranomaly

80.0611, 82.7080, 75.3629

Tritanomaly

80.5267, 82.6511, 88.7998

Monochromacy



Original Color

76.7326, 82.7979, 70.3299

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.0031, 81.8355, 81.5494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7326, 82.7979, 70.3299 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(239, 236, 206)` looks like.

```
.text, #text, p{  
    color:rgb(239, 236, 206)  
}
```

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(239, 236, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 236, 206) }
```

Border

The CSS property to change the border of an element to XYZ 76.7326, 82.7979, 70.3299 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(239, 236, 206) }
```


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

```
.border{ border-color:rgb(239, 236, 206) }
```

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

Here you see how a box with a 4 pixel rgb(239, 236, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 236, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 236, 206);  
box-shadow:4px 4px 4px 4px rgb(239, 236,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7326, 82.7979, 70.3299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 236, 206) }
```

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

```
.background{ background-color: rgb(239,  
236, 206) }
```

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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