

Converting Colors

XYZ(74.0738, 81.8489, 60.1144)

Have a look what the booklet for
XYZ(74.0738, 81.8489, 60.1144)
contains.

XYZ(73.7728, 81.4979, 59.9865)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.7728, 81.4979,
59.9865)**

Conversions

Conversions Part 1

Format	Color
Hex	ECECBD
RGB	236, 236, 189
RGB Percent	93%, 93%, 74%
CMY	0.0745, 0.0745, 0.2588
CMYK	0.00, 0.00, 0.20, 0.07
HSL	60°, 55%, 83%
HSV	60°, 20%, 93%
XYZ	73.7728, 81.4979, 59.9865
YIQ	230.6420, 15.0870, -14.6170

Conversions

Conversions Part 2

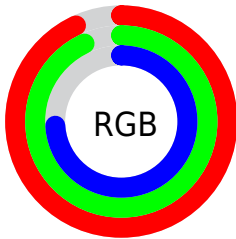
Format	Color
RYB	189, 236, 189
Decimal	15527101
CIELab	92.35, -7.53, 22.86
CIELCh	92, 24.069, 108.241
Yxy	81.4979, 0.3427, 0.3786
Android (android.graphics.Color)	4293717181 (0xFFECECBD)
YUV	230.6420, -20.5295, 4.6990
Hunter-Lab	90.2762, -12.1149, 23.7965

Details

The XYZ color **73.7728, 81.4979, 59.9865** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **54.3273, 53.2723, 86.7807**, and the grayscale version is **75.8312, 79.7803, 86.8808**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **39.5168, 44.0951, 29.3501** is the 20% darker color. If you saturate the color by 10%, you get **71.4166, 80.5581, 47.5743**, and if you desaturate by 10%, it is **76.5502, 82.6117, 74.5976**.

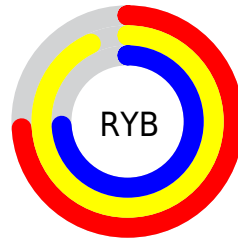
Distribution



Red (93%)

Green (93%)

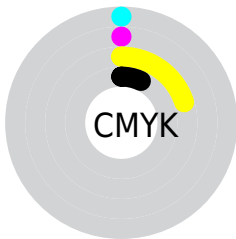
Blue (74%)



Red (74%)

Yellow (93%)

Blue (74%)

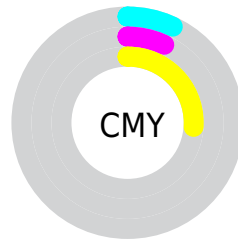


Cyan (0%)

Magenta (0%)

Yellow (20%)

Black (7%)



Cyan (7%)


Magenta (7%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.7728, 81.4979, 59.9865 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 73.7728, 81.4979, 59.9865 by changing the saturation by 10% instead.


 73.7728, 81.4979,
59.9865

 73.7728, 81.4979,
59.9865


462.7513,
499.9666, 442.3513

 54.8987, 60.9518,
42.9825


 123.5709,
135.4697, 106.3533

 39.5542, 44.1862,
29.5401


155.2257,
169.6641, 136.5531

 27.3738, 30.8169,
19.2407


191.8714,
209.1767, 171.9887

 17.9922, 20.4595,
11.6658

233.8733,
254.3919, 213.0786

 11.0440, 12.7295,
6.3968

281.5970,
305.6941, 260.2412

 6.1640, 7.2425,
3.0151

335.4076,

 2.9866, 3.6142,

363.4677, 313.8952

1.1024

395.6706,
428.0971, 374.4590

■ 1.1467, 1.4602,
0.0000

■ 0.0637, 0.2605,
0.0000

■ 73.7728, 81.4979,
59.9865

■ 73.7728, 81.4979,
59.9865

■ 71.4166, 80.5581,
47.5743

■ 76.5502, 82.6117,
74.5976

■ 69.4551, 79.7734,
37.2499

■ 79.7611, 83.8962,
91.5014

■ 67.8686, 79.1387,
28.9002

■ 82.6422, 85.0487,
106.6681

■ 66.6331, 78.6444,
22.3992

■ 82.6431, 85.0492,
106.6681

65.7221, 78.2799,
17.6067

82.6440, 85.0497,
106.6682

65.1051, 78.0329,
14.3621

82.6449, 85.0502,
106.6682

64.7458, 77.8891,
12.4748

82.6459, 85.0506,
106.6683

64.5831, 77.8240,
11.6233

82.6468, 85.0511,
106.6683

64.5821, 77.8235,
11.6176

82.6477, 85.0516,
106.6683

Harmonies

Analogous

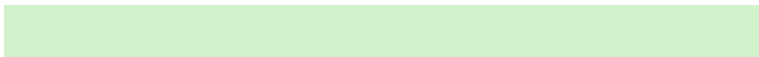
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.9276, 81.4979, 59.2166



73.7728, 81.4979, 59.9865



68.8669, 81.4979, 67.7992

Triad

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



73.7728, 81.4979, 59.9865



69.7561, 81.4979, 116.8595



89.7872, 81.4979, 95.9120

Complementary

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



73.7728, 81.4979, 59.9865



54.3273, 53.2723, 86.7807

Split Complementary

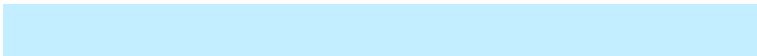
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.7425, 81.4979, 113.5954



73.7728, 81.4979, 59.9865



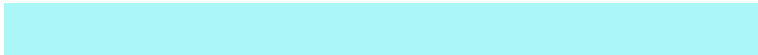
75.0463, 81.4979, 126.7286

Square

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



73.7728, 81.4979, 59.9865



66.6350, 81.4979, 99.9120



81.2708, 81.4979, 125.4598



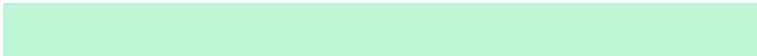
89.4010, 81.4979, 78.4286

Rectangle

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



73.7728, 81.4979, 59.9865



66.8626, 81.4979, 76.6208



81.2708, 81.4979, 125.4598



89.1247, 81.4979, 102.0683

Sweetspot

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



73.7749, 81.5015, 59.9882



92.6830, 99.0531, 96.4389



61.9776, 57.9041, 56.0553



19.7853, 21.1804, 20.3647



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.



73.7749, 81.5015, 59.9882



86.7125, 96.6647, 65.0092



66.4796, 77.7406, 59.6468



16.3518, 17.6269, 16.0592



35.5968, 42.8953, 6.4035



2.7953, 3.3683, 0.5028

Inverse Universe

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



54.3273, 53.2723, 86.7807



59.4960, 57.1584, 102.5046



60.6361, 56.5246, 87.0759



14.2314, 14.5491, 18.9804



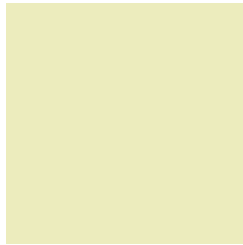
8.3459, 3.3384, 43.9475



0.6554, 0.2622, 3.4509

Previews

White Background



This preview shows how the XYZ color 73.7728, 81.4979, 59.9865 looks on a white background.

Color Contrast Check

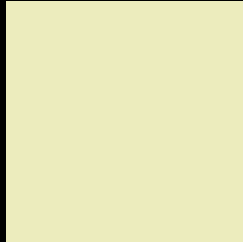
Large Text (above 18pt) WCAG AA × Fail

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 73.7728, 81.4979, 59.9865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

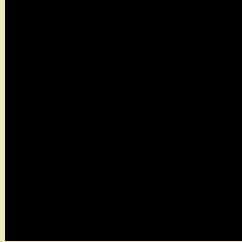
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

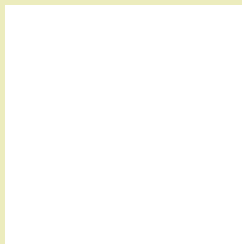
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7728, 81.4979, 59.9865

Background



This preview shows how black text looks on a background with the XYZ color 73.7728, 81.4979, 59.9865.



This preview shows how white text looks on a background with the XYZ color 73.7728, 81.4979,

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

73.7728, 81.4979, 59.9865

Protanopia

76.1840, 81.0752, 58.6475

Deuteranopia

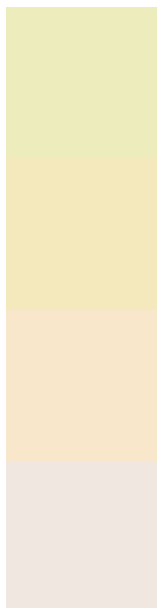
80.6163, 81.3999, 72.4356



Tritanopia

81.6862, 81.3737, 98.5902

Trichromacy



Original Color

73.7728, 81.4979, 59.9865

Protanomaly

75.1782, 80.9634, 59.2421

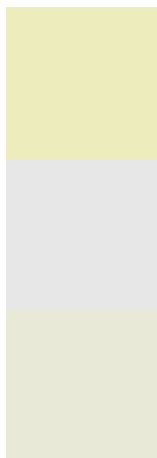
Deuteranomaly

77.9480, 81.3726, 67.4753

Tritanomaly

78.4421, 81.2888, 82.7901

Monochromacy



Original Color

73.7728, 81.4979, 59.9865

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.1379, 80.5593, 76.5551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7728, 81.4979, 59.9865 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, 236, 189)` looks like.

```
.text, #text, p{  
    color:rgb(236, 236, 189)  
}
```

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, 236, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 236, 189) }
```

Border

The CSS property to change the border of an element to XYZ 73.7728, 81.4979, 59.9865 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, 236, 189) }
```


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

```
.border{ border-color:rgb(236, 236, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 236, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 236, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 236, 189);  
box-shadow:4px 4px 4px 4px rgb(236, 236,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7728, 81.4979, 59.9865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 236, 189) }
```

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

```
.background{ background-color: rgb(236,  
236, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor