

Converting Colors

XYZ(73.9422, 82.3336, 26.1822)

Have a look what the booklet for
XYZ(73.9422, 82.3336, 26.1822)
contains.

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Color

**XYZ(73.9422, 82.3336,
26.1822)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEC6C
RGB	255, 236, 108
RGB Percent	100%, 93%, 42%
CMY	0.0000, 0.0745, 0.5765
CMYK	0.00, 0.07, 0.58, 0.00
HSL	52°, 100%, 71%
HSV	52°, 58%, 100%
XYZ	73.9422, 82.3336, 26.1822
YIQ	227.0890, 52.4120, -35.7800

Conversions

Conversions Part 2

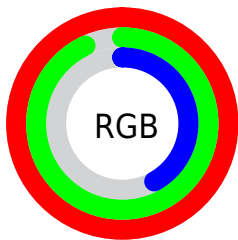
Format	Color
RYB	130, 255, 108
Decimal	16772204
CIELab	92.72, -8.77, 63.08
CIELCh	93, 63.690, 97.918
Yxy	82.3336, 0.4053, 0.4512
Android (android.graphics.Color)	4294962284 (0xFFFFEC6C)
YUV	227.0890, -58.7109, 24.4779
Hunter-Lab	90.7379, -13.3318, 46.4085

Details

The XYZ color **73.9422, 82.3336, 26.1822** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **31.8236, 25.5862, 97.8685**, and the grayscale version is **73.4674, 77.2934, 84.1725**.

A 20% lighter version of the original color is **83.6109, 95.4243, 48.6623**, and **39.4695, 44.5017, 9.8776** is the 20% darker color. If you saturate the color by 10%, you get **71.8395, 79.9917, 19.7371**, and if you desaturate by 10%, it is **76.4631, 84.8770, 34.7261**.

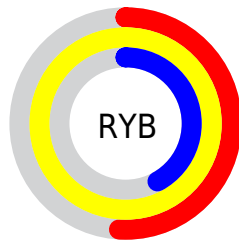
Distribution



Red (100%)

Green (93%)

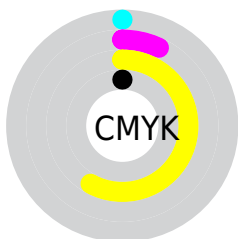
Blue (42%)



Red (51%)

Yellow (100%)

Blue (42%)

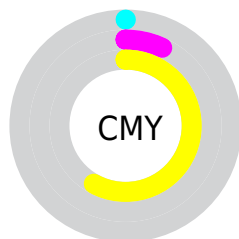


Cyan (0%)

Magenta (7%)

Yellow (58%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.9422, 82.3336, 26.1822 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 73.9422, 82.3336, 26.1822 by changing the saturation by 10% instead.


 73.9422, 82.3336,
26.1822

 73.9422, 82.3336,
26.1822


463.3272,
502.7629, 297.3092


 55.0378, 61.6406,
16.7330


 123.8098,
136.6417, 54.5564


 39.6660, 44.7423,
9.8844


 155.5038,
171.0256, 74.3185

 27.4613, 31.2545,
5.2178


 192.1917,
210.7418, 98.3554

 18.0583, 20.7927,
2.3146

 234.2388,
256.1749, 127.0855

 11.0918, 12.9726,
0.7394

282.0106,
307.7091, 160.9273

 6.1964, 7.4097,
0.0000

335.8724,

 3.0066, 3.7196,

365.7289, 200.2996

0.0000

396.1895,
430.6187, 245.6207

■ 1.1573, 1.5180,
0.0000

■ 0.0722, 0.3013,
0.0000

■ 73.9422, 82.3336,
26.1822

■ 73.9422, 82.3336,
26.1822

■ 71.8395, 79.9917,
19.7371

■ 76.4631, 84.8770,
34.7261

■ 70.1133, 77.8252,
15.1978

■ 79.4280, 87.6230,
45.5292

■ 68.7235, 75.8209,
12.3442

■ 82.8670, 90.5869,
58.7422

■ 67.6144, 73.9564,
10.8838

■ 86.8062, 93.7794,
74.5012

■ 67.3749, 73.5301,
10.6417

■ 91.2695, 97.2101,
92.9322

95.0498, 99.9999,
108.9000

Harmonies

Analogous

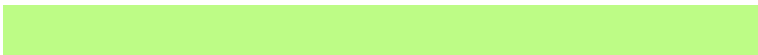
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.8736, 82.3336, 28.8342



73.9422, 82.3336, 26.1822



60.2402, 82.3336, 35.1561

Triad

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



73.9422, 82.3336, 26.1822



55.6872, 82.3336, 158.3424



111.7013, 82.3336, 128.5740

Complementary

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



73.9422, 82.3336, 26.1822



31.8236, 25.5862, 97.8685

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.



99.5462, 82.3336, 182.7828



73.9422, 82.3336, 26.1822



66.8633, 82.3336, 203.7788

Square

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



73.9422, 82.3336, 26.1822



50.7165, 82.3336, 102.8331



82.7336, 82.3336, 214.0281



114.3027, 82.3336, 77.6398

Rectangle

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



73.9422, 82.3336, 26.1822



54.2153, 82.3336, 49.3452



82.7336, 82.3336, 214.0281



108.5220, 82.3336, 147.4664

Sweetspot

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



73.9441, 82.3375, 26.1839



87.0787, 93.9941, 75.6093



50.4729, 33.5339, 24.0979



18.4587, 19.9766, 15.4534



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.



73.9441, 82.3375, 26.1839



71.5847, 79.6885, 19.0152



62.5813, 85.0339, 27.3032



19.3492, 20.6666, 19.1136



35.2833, 38.5778, 5.5866



3.4888, 3.8630, 0.5618

Inverse Universe

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



31.8236, 25.5862, 97.8685



26.0088, 18.3447, 96.7778



38.2933, 25.6170, 97.5335



17.1921, 17.7559, 22.7711



9.7730, 4.4556, 49.7795



1.0077, 0.5461, 4.8656

Previews

White Background



This preview shows how the XYZ color 73.9422, 82.3336, 26.1822 looks on a white background.

Color Contrast Check

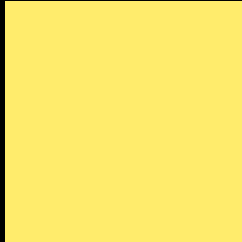
Large Text (above 18pt) WCAG AA × Fail

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 73.9422, 82.3336, 26.1822 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 73.9422, 82.3336, 26.1822

Background



This preview shows how black text looks on a background with the XYZ color 73.9422, 82.3336, 26.1822.



This preview shows how white text looks on a background with the XYZ color 73.9422, 82.3336,

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

73.9422, 82.3336, 26.1822

Protanopia

75.6207, 82.0888, 37.8457

Deuteranopia

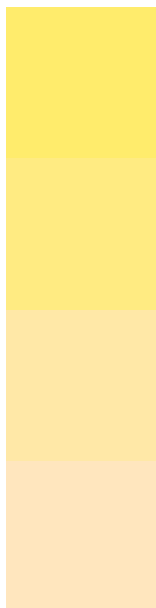
80.0794, 82.0707, 66.8789



Tritanopia

83.9951, 82.3126, 91.5817

Trichromacy



Original Color

73.9422, 82.3336, 26.1822

Protanomaly

74.9776, 82.2884, 33.0506

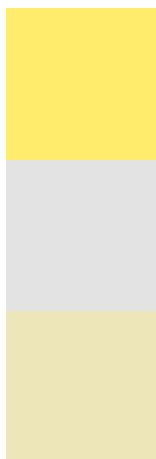
Deuteranomaly

77.0717, 81.7632, 48.2790

Tritanomaly

78.8311, 81.5713, 60.3052

Monochromacy



Original Color

73.9422, 82.3336, 26.1822

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

71.8736, 78.0588, 56.6261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9422, 82.3336, 26.1822 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(255, 236, 108)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 108)  
}
```

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(255, 236, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 108) }
```

Border

The CSS property to change the border of an element to XYZ 73.9422, 82.3336, 26.1822 is called "border". The border property can be set on classes, ids or directly on the HTML element.

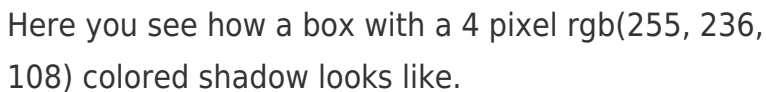
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 236, 108) }
```


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

```
.border{ border-color:rgb(255, 236, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 236, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 236, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 236, 108); box-shadow:4px 4px 4px 4px rgb(255, 236, 108) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9422, 82.3336, 26.1822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 108) }
```

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

```
.background{ background-color: rgb(255,  
236, 108) }
```

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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