

Converting Colors

XYZ(66.8005, 74.0068, 10.7640)

Have a look what the booklet for
XYZ(66.8005, 74.0068, 10.7640)
contains.

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Color

**XYZ(66.8005, 74.0068,
10.7640)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE000
RGB	252, 224, 0
RGB Percent	99%, 88%, 0%
CMY	0.0118, 0.1215, 0.9999
CMYK	0.00, 0.11, 1.00, 0.01
HSL	53°, 100%, 49%
HSV	53°, 100%, 99%
XYZ	66.8005, 74.0068, 10.7640
YIQ	206.8360, 88.5920, -63.7280

Conversions

Conversions Part 2

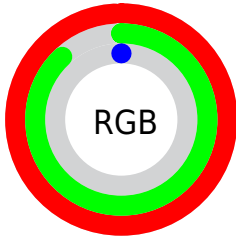
Format	Color
RYB	32, 252, 0
Decimal	16572416
CIELab	88.93, -7.72, 88.43
CIELCh	89, 88.766, 94.989
Yxy	74.0068, 0.4407, 0.4883
Android (android.graphics.Color)	4294762496 (0xFFFC00)
YUV	206.8360, -101.9701, 39.6088
Hunter-Lab	86.0272, -11.9416, 52.8005

Details

The XYZ color **66.8005, 74.0068, 10.7640** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **17.9867, 7.8600, 92.6636**, and the grayscale version is **59.8027, 62.9171, 68.5167**.

A 20% lighter version of the original color is **78.8455, 93.5182, 23.5681**, and **35.4232, 39.3231, 5.7231** is the 20% darker color. If you saturate the color by 10%, you get **66.8011, 74.0084, 10.7643**, and if you desaturate by 10%, it is **67.7386, 75.5988, 11.9547**.

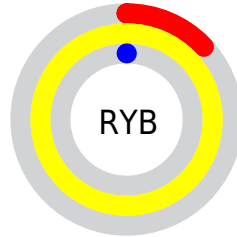
Distribution



Red (99%)

Green (88%)

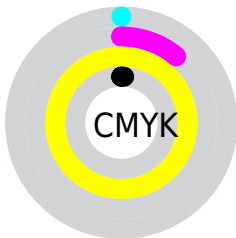
Blue (0%)



Red (13%)

Yellow (99%)

Blue (0%)

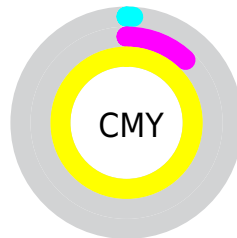


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (1%)



Cyan (1%)


Magenta (12%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.8005, 74.0068, 10.7640 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 66.8005, 74.0068, 10.7640 by changing the saturation by 10% instead.


 66.8005, 74.0068,
10.7640

 66.8005, 74.0068,
10.7640


438.6780,
474.4968, 206.7202


 49.1926, 54.7996,
5.7962


 113.6859,
124.9054, 27.8529


 34.9875, 39.2413,
2.6548


 143.6941,
157.3657, 40.8110


 23.8197, 26.9475,
0.9205


 178.5664,
195.0124, 57.2697

 15.3239, 17.5338,
0.0000

 218.6683,
238.2300, 77.6475

 9.1348, 10.6158,
0.0000

 264.3650,
287.4028, 102.3629

 4.8871, 5.8091,
0.0000

 316.0220,

 2.2152, 2.7294,

342.9153, 131.8345

0.0000

374.0045,
405.1519, 166.4807

■ 0.7507, 0.9921,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.8005, 74.0068,
10.7640

■ 66.8005, 74.0068,
10.7640

■ 66.8011, 74.0084,
10.7643

■ 67.7386, 75.5988,
11.9547

■ 68.9168, 77.3039,
14.3554

■ 70.4071, 79.1537,
18.3377

■ 72.2522, 81.1657,
24.1269

■ 74.4882, 83.3542,
31.9121

■ 77.1465, 85.7318,
41.8583

■ 80.2552, 88.3100,
54.1136

■ 83.8400, 91.0991,
68.8130

■ 87.9246, 94.1087,
86.0809

Harmonies

Analogous

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



89.3454, 74.0068, 13.8010



66.8005, 74.0068, 10.7640



49.1643, 74.0068, 17.2330

Triad

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



66.8005, 74.0068, 10.7640



41.5733, 74.0068, 169.5297



114.9463, 74.0068, 141.8537

Complementary

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



66.8005, 74.0068, 10.7640



17.9867, 7.8600, 92.6636

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.



96.8639, 74.0068, 222.0570



66.8005, 74.0068, 10.7640



54.2432, 74.0068, 242.9562

Square

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



66.8005, 74.0068, 10.7640



36.6225, 74.0068, 91.3428



74.0049, 74.0068, 265.9202



120.1948, 74.0068, 70.6992

Rectangle

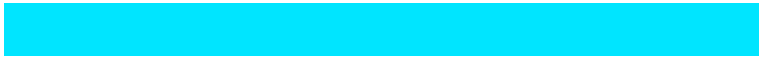
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.8005, 74.0068, 10.7640



41.5796, 74.0068, 29.8873



74.0049, 74.0068, 265.9202



110.0091, 74.0068, 169.5906

Sweetspot

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



66.8022, 74.0104, 10.7655



82.4347, 90.7114, 55.5475



40.3719, 20.7867, 3.0747



17.3437, 19.1713, 10.6894



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.



66.8022, 74.0104, 10.7655



68.6192, 76.0185, 11.0564



48.4069, 76.6295, 12.2406



18.5531, 19.8420, 18.3144



34.8660, 38.6886, 5.6300



3.2747, 3.6743, 0.5366

Inverse Universe

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



17.9867, 7.8600, 92.6636



18.4731, 8.0662, 95.1910



22.4601, 9.5494, 92.7539



16.4382, 16.9533, 21.7912



9.4203, 4.1961, 48.2870



0.9215, 0.4867, 4.4885

Previews

White Background



This preview shows how the XYZ color 66.8005, 74.0068, 10.7640 looks on a white background.

Color Contrast Check

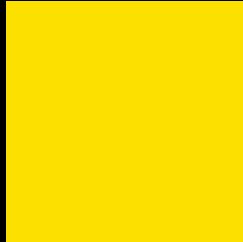
Large Text (above 18pt) WCAG AA × Fail

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 66.8005, 74.0068, 10.7640 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 66.8005, 74.0068, 10.7640

Background



This preview shows how black text looks on a background with the XYZ color 66.8005, 74.0068, 10.7640.



This preview shows how white text looks on a background with the XYZ color 66.8005, 74.0068,

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

66.8005, 74.0068, 10.7640

Deuteranopia

72.9223, 74.0472, 45.0994

Tritanopia

78.2380, 73.7288, 80.6285

Trichromacy



Original Color

66.8005, 74.0068, 10.7640



Deuteranomaly

68.9649, 73.2567, 23.6018



Tritanomaly

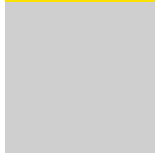
70.3868, 72.1657, 36.2062

Monochromacy



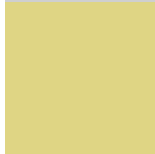
Original Color

66.8005, 74.0068, 10.7640



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

58.3905, 64.9424, 31.2874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8005, 74.0068, 10.7640 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(252, 224, 0)` looks like.

```
.text, #text, p{  
    color:rgb(252, 224, 0)  
}
```

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(252, 224, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 224, 0) }
```

Border

The CSS property to change the border of an element to XYZ 66.8005, 74.0068, 10.7640 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(252, 224, 0) }
```

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

```
.border{ border-color:rgb(252, 224, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 224, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 224, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 224, 0);  
box-shadow:4px 4px 4px 4px rgb(252, 224,  
0) }
```


Background

The CSS property to change the background color of an element to XYZ 66.8005, 74.0068, 10.7640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 224, 0) }
```

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

```
.background{ background-color: rgb(252,  
224, 0) }
```

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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