

Converting Colors

XYZ(74.5715, 84.2245, 24.4424)

Have a look what the booklet for
XYZ(74.5715, 84.2245, 24.4424)
contains.

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Color

**XYZ(74.7003, 84.5003,
24.4296)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF064
RGB	255, 240, 100
RGB Percent	100%, 94%, 39%
CMY	0.0000, 0.0588, 0.6078
CMYK	0.00, 0.06, 0.61, 0.00
HSL	54°, 100%, 70%
HSV	54°, 61%, 100%
XYZ	74.7003, 84.5003, 24.4296
YIQ	228.5250, 53.8800, -40.3600

Conversions

Conversions Part 2

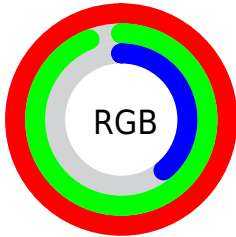
Format	Color
R_{YB}	117, 255, 100
Decimal	16773220
CIE _{Lab}	93.67, -11.28, 67.55
CIE _{LCh}	94, 68.488, 99.482
Yxy	84.5003, 0.4068, 0.4602
Android (android.graphics.Color)	4294963300 (0xFFFFF064)
YUV	228.5250, -63.3628, 23.2186
Hunter-Lab	91.9240, -15.8125, 48.5900

Details

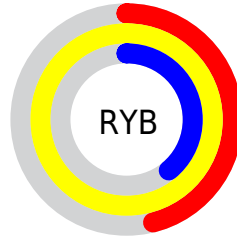
The XYZ color **74.7003, 84.5003, 24.4296** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **29.4362, 22.1901, 97.3388**, and the grayscale version is **74.5520, 78.4345, 85.4152**.

A 20% lighter version of the original color is **83.0008, 95.1803, 45.4495**, and **40.0641, 46.0502, 8.9675** is the 20% darker color. If you saturate the color by 10%, you get **72.9337, 82.6428, 18.6756**, and if you desaturate by 10%, it is **76.8669, 86.5399, 32.2238**.

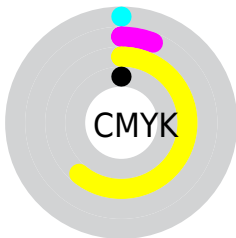
Distribution



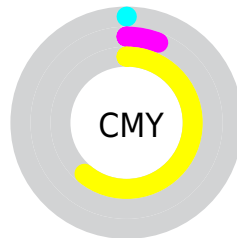
- Red (100%)
- Green (94%)
- Blue (39%)



- Red (46%)
- Yellow (100%)
- Blue (39%)



- Cyan (0%)
- Magenta (6%)
- Yellow (61%)
- Black (0%)




- Cyan (0%)
- Magenta (6%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7003, 84.5003, 24.4296 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 74.7003, 84.5003, 24.4296 by changing the saturation by 10% instead.


 74.7003, 84.5003,
24.4296

 74.7003, 84.5003,
24.4296


465.8999,
509.9731, 288.3414

 55.6607, 63.4286,
15.4375


 124.8782,
139.6748, 51.6829


 40.1669, 46.1880,
8.9770


 156.7472,
174.5464, 70.7812

 27.8535, 32.3942,
4.6295


 193.6235,
214.7867, 94.0853

 18.3551, 21.6628,
1.9767

 235.8722,
260.7801, 122.0137

 11.3065, 13.6093,
0.5409

283.8589,
312.9111, 154.9850

 6.3422, 7.8495,
0.0000

337.9488,

 3.0969, 3.9988,

371.5640, 193.4177

0.0000

398.5074,
437.1232, 237.7303

■ 1.2052, 1.6729,
0.0000

■ 0.1105, 0.4060,
0.0000

■ 74.7003, 84.5003,
24.4296

■ 74.7003, 84.5003,
24.4296

■ 72.9337, 82.6428,
18.6756

■ 76.8669, 86.5399,
32.2238

■ 71.5236, 80.9406,
14.7596


■ 79.4602, 88.7629,
42.2247

■ 70.4273, 79.3794,
12.4472

■ 82.5114, 91.1849,
54.5877

■ 69.6295, 78.0394,
11.3932

■ 86.0470, 93.8167,
69.4527

 90.0916, 96.6681,
86.9485

94.6681, 99.7483,
107.1953

95.0497, 99.9999,
108.9000

Harmonies

Analogous

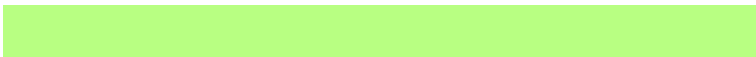
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.1827, 84.5003, 26.5436



74.7003, 84.5003, 24.4296



60.1004, 84.5003, 34.4036

Triad

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



74.7003, 84.5003, 24.4296



56.2718, 84.5003, 171.3403



117.6469, 84.5003, 131.6860

Complementary

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



74.7003, 84.5003, 24.4296



29.4362, 22.1901, 97.3388

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.



104.6192, 84.5003, 192.7547



74.7003, 84.5003, 24.4296



68.6901, 84.5003, 220.9980

Square

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



74.7003, 84.5003, 24.4296



50.5688, 84.5003, 109.4788



86.2042, 84.5003, 230.0442



119.9024, 84.5003, 76.4996

Rectangle

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



74.7003, 84.5003, 24.4296



53.8391, 84.5003, 50.0026



86.2042, 84.5003, 230.0442



114.2981, 84.5003, 152.6869

Sweetspot

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



74.7023, 84.5043, 24.4313



87.1210, 94.5883, 74.0521



48.9208, 31.6244, 19.8977



18.4074, 20.0733, 14.8218



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.



74.7023, 84.5043, 24.4313



72.5920, 82.2528, 17.6562



60.0528, 83.7773, 25.0631



19.4022, 20.7726, 19.1312



36.4446, 40.9005, 5.9737



3.5903, 4.0659, 0.5956

Inverse Universe

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



29.4362, 22.1901, 97.3388



23.8902, 15.2728, 96.2965



37.5081, 24.0167, 97.2659



17.1443, 17.6602, 22.7551



9.6560, 4.2216, 49.7405



0.9852, 0.5012, 4.8581

Previews

White Background



This preview shows how the XYZ color 74.7003, 84.5003, 24.4296 looks on a white background.

Color Contrast Check

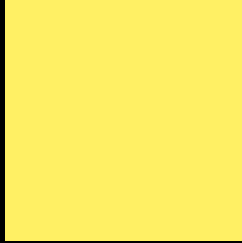
Large Text (above 18pt) WCAG AA × Fail

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 74.7003, 84.5003, 24.4296 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 74.7003, 84.5003, 24.4296

Background



This preview shows how black text looks on a background with the XYZ color 74.7003, 84.5003, 24.4296.

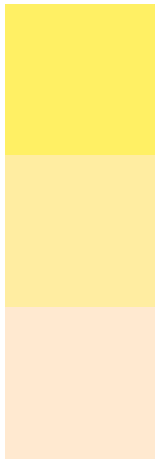


This preview shows how white text looks on a background with the XYZ color 74.7003, 84.5003,

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

74.7003, 84.5003, 24.4296

Protanopia

77.9572, 84.4016, 45.9006

Deuteranopia

81.7641, 84.0919, 71.5964



Tritanopia

85.2650, 84.1449, 94.1857

Trichromacy



Original Color

74.7003, 84.5003, 24.4296



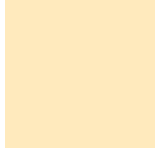
Protanomaly

76.4747, 84.2732, 36.6618



Deuteranomaly

78.3969, 84.1155, 49.6401



Tritanomaly

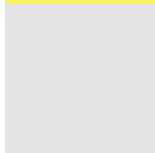
79.8481, 83.7798, 60.1068

Monochromacy



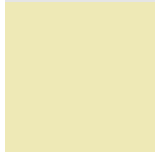
Original Color

74.7003, 84.5003, 24.4296



Achromatopsia

74.4753, 78.3538, 85.3273



Achromatomaly

72.8423, 79.8324, 55.8260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7003, 84.5003, 24.4296 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, 240, 100)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 100)  
}
```

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, 240, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 100) }
```

Border

The CSS property to change the border of an element to XYZ 74.7003, 84.5003, 24.4296 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, 240, 100) }
```


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

```
.border{ border-color:rgb(255, 240, 100) }
```

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

Here you see how a box with a 4 pixel rgb(255, 240, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 100);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7003, 84.5003, 24.4296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 100) }
```

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

```
.background{ background-color: rgb(255,  
240, 100) }
```

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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