

Converting Colors

XYZ(74.3094, 81.2171, 32.0123)

Have a look what the booklet for
XYZ(74.3094, 81.2171, 32.0123)
contains.

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Color

**XYZ(74.2752, 81.0963,
32.1605)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE980
RGB	255, 233, 128
RGB Percent	100%, 91%, 50%
CMY	0.0000, 0.0862, 0.4980
CMYK	0.00, 0.09, 0.50, 0.00
HSL	50°, 100%, 75%
HSV	50°, 50%, 100%
XYZ	74.2752, 81.0963, 32.1605
YIQ	227.6080, 46.8170, -27.9910

Conversions

Conversions Part 2

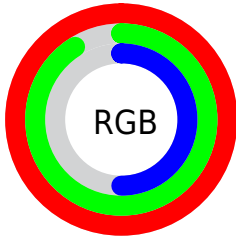
Format	Color
R_{YB}	155, 255, 128
Decimal	16771456
CIE _{Lab}	92.17, -5.72, 53.31
CIE _{LCh}	92, 53.620, 96.129
Yxy	81.0963, 0.3961, 0.4324
Android (android.graphics.Color)	4294961536 (0xFFFFE980)
YUV	227.6080, -49.1067, 24.0228
Hunter-Lab	90.0535, -10.3686, 41.8634

Details

The XYZ color **74.2752, 81.0963, 32.1605** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **37.8582, 33.6209, 99.1016**, and the grayscale version is **73.7815, 77.6239, 84.5324**.

A 20% lighter version of the original color is **85.5472, 96.1989, 58.8592**, and **39.9553, 44.0846, 13.0599** is the 20% darker color. If you saturate the color by 10%, you get **71.5693, 78.0415, 23.9930**, and if you desaturate by 10%, it is **77.4380, 84.3899, 42.5627**.

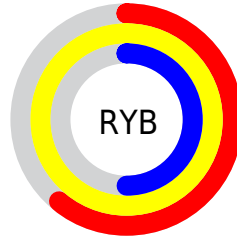
Distribution



Red (100%)

Green (91%)

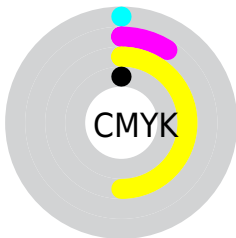
Blue (50%)



Red (61%)

Yellow (100%)

Blue (50%)

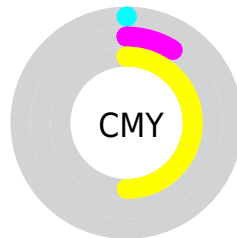


Cyan (0%)

Magenta (9%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (9%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2752, 81.0963, 32.1605 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 74.2752, 81.0963, 32.1605 by changing the saturation by 10% instead.


 74.2752, 81.0963,
32.1605

 74.2752, 81.0963,
32.1605


464.4583,
498.6198, 326.3650


 55.3114, 60.6209,
21.2183


 124.2793,
134.9060, 64.1634

 39.8859, 43.9193,
13.0909


 156.0502,
169.0091, 86.0613

 27.6334, 30.6071,
7.3597


 192.8209,
208.4235, 112.4480

 18.1885, 20.2998,
3.6062

234.9567,
253.5337, 143.7423

 11.1859, 12.6132,
1.4119

282.8230,
304.7240, 180.3626

 6.2603, 7.1627,
0.1510

336.7852,

 3.0461, 3.5641,

362.3789, 222.7274

0.0000

397.2085,
426.8827, 271.2554

■ 1.1782, 1.4328,
0.0000

■ 0.0891, 0.2407,
0.0000

■ 74.2752, 81.0963,
32.1605

■ 74.2752, 81.0963,
32.1605

■ 71.5693, 78.0415,
23.9930

■ 77.4380, 84.3899,
42.5627

■ 69.2821, 75.2009,
17.8854

■ 81.0810, 87.9230,
55.3468

■ 67.3784, 72.5631,
13.6453

■ 85.2327, 91.7104,
70.6531

■ 65.8141, 70.1100,
11.0413

■ 89.9177, 95.7621,
88.6098

■ 64.5186, 67.8130, 95.0499, 99.9999,
9.7032 108.9000

■ 64.4942, 67.7686,
9.6814

Harmonies

Analogous

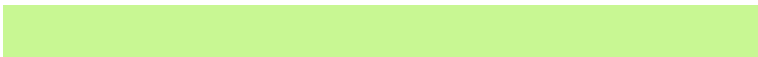
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3495, 81.0963, 35.3617



74.2752, 81.0963, 32.1605



62.4398, 81.0963, 39.9659

Triad

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



74.2752, 81.0963, 32.1605



57.5345, 81.0963, 141.2446



104.0439, 81.0963, 122.8445

Complementary

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



74.2752, 81.0963, 32.1605



37.8582, 33.6209, 99.1016

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.



93.8455, 81.0963, 165.2017



74.2752, 81.0963, 32.1605



66.8113, 81.0963, 177.8574

Square

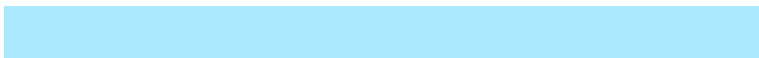
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.2752, 81.0963, 32.1605



53.5474, 81.0963, 96.6832



79.9537, 81.0963, 187.7309



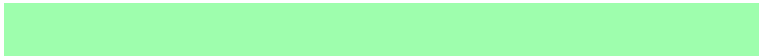
106.6582, 81.0963, 80.4161

Rectangle

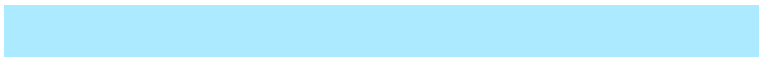
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.2752, 81.0963, 32.1605



57.0414, 81.0963, 52.2929



79.9537, 81.0963, 187.7309



101.3342, 81.0963, 137.9092

Sweetspot

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



74.2772, 81.1001, 32.1622



87.4150, 93.6229, 78.9391



54.5686, 38.9427, 34.0406



18.5021, 19.8579, 16.1014



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.



74.2772, 81.1001, 32.1622



71.5204, 77.9836, 23.8532



67.6174, 87.4928, 33.7471



19.2778, 20.5238, 19.0898



33.7978, 35.6067, 5.0915



3.3580, 3.6015, 0.5182

Inverse Universe

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



37.8582, 33.6209, 99.1016



31.3136, 25.6129, 97.9011



41.9645, 31.0079, 98.3809



17.2572, 17.8861, 22.7928



9.9787, 4.8670, 49.8481



1.0384, 0.6076, 4.8758

Previews

White Background



This preview shows how the XYZ color 74.2752, 81.0963, 32.1605 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 74.2752, 81.0963, 32.1605 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 74.2752, 81.0963, 32.1605

Background



This preview shows how black text looks on a background with the XYZ color 74.2752, 81.0963, 32.1605.



This preview shows how white text looks on a background with the XYZ color 74.2752, 81.0963,

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

74.2752, 81.0963, 32.1605

Protanopia

74.6820, 81.2591, 34.3027

Deuteranopia

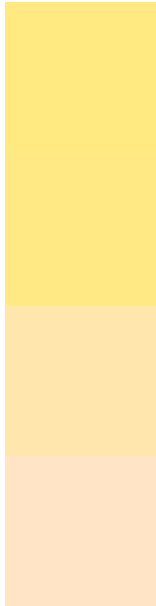
79.2922, 80.8703, 65.4632



Tritanopia

83.3055, 81.1666, 90.6329

Trichromacy



Original Color

74.2752, 81.0963, 32.1605

Protanomaly

74.5438, 81.2038, 33.5748

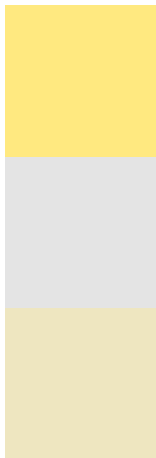
Deuteranomaly

77.0796, 80.8708, 51.0822

Tritanomaly

79.0614, 80.7780, 64.2481

Monochromacy



Original Color

74.2752, 81.0963, 32.1605

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.0711, 78.5765, 61.1847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2752, 81.0963, 32.1605 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, 233, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 128)  
}
```

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, 233, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 128) }
```

Border

The CSS property to change the border of an element to XYZ 74.2752, 81.0963, 32.1605 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, 233, 128) }
```


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

```
.border{ border-color:rgb(255, 233, 128) }
```

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

Here you see how a box with a 4 pixel rgb(255, 233, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2752, 81.0963, 32.1605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 128) }
```

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

```
.background{ background-color: rgb(255,  
233, 128) }
```

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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