

Converting Colors

XYZ(75.3923, 81.0593, 64.5476)

Have a look what the booklet for
XYZ(75.3923, 81.0593, 64.5476)
contains.

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Color

**XYZ(75.1521, 80.8343,
64.4650)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E9C5
RGB	240, 233, 197
RGB Percent	94%, 91%, 77%
CMY	0.0588, 0.0863, 0.2274
CMYK	0.00, 0.03, 0.18, 0.06
HSL	50°, 59%, 86%
HSV	50°, 18%, 94%
XYZ	75.1521, 80.8343, 64.4650
YIQ	230.9890, 15.7280, -9.7120

Conversions

Conversions Part 2

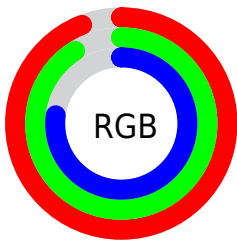
Format	Color
R_{YB}	205, 240, 197
Decimal	15788485
CIE _{Lab}	92.06, -3.42, 18.37
CIE _{LCh}	92, 18.683, 100.538
Y _{xy}	80.8343, 0.3409, 0.3667
Android (android.graphics.Color)	4293978565 (0xFFFF0E9C5)
YUV	230.9890, -16.7566, 7.9026
Hunter-Lab	89.9079, -8.1345, 20.4239

Details

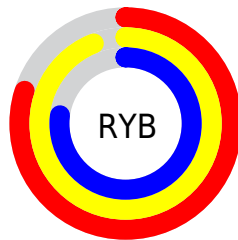
The XYZ color **75.1521, 80.8343, 64.4650** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **60.3468, 61.3460, 91.0988**, and the grayscale version is **76.0618, 80.0230, 87.1450**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **40.4472, 43.6178, 32.2739** is the 20% darker color. If you saturate the color by 10%, you get **71.5259, 77.6376, 50.7519**, and if you desaturate by 10%, it is **79.2449, 84.2622, 80.4956**.

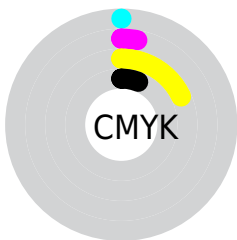
Distribution



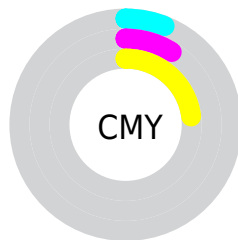
- Red (94%)
- Green (91%)
- Blue (77%)



- Red (80%)
- Yellow (94%)
- Blue (77%)



- Cyan (0%)
- Magenta (3%)
- Yellow (18%)
- Black (6%)



- Cyan (6%)
- Magenta (9%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1521, 80.8343, 64.4650 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 75.1521, 80.8343, 64.4650 by changing the saturation by 10% instead.

75.1521, 80.8343,
64.4650

75.1521, 80.8343,
64.4650

467.4293,
497.7400, 459.1204

56.0321, 60.4051,
46.5788

125.5144,
134.5381, 112.8862

40.4658, 43.7453,
32.3509

157.4874,
168.5815, 144.2584

28.0877, 30.4703,
21.3626

194.4755,
207.9318, 180.9629

18.5326, 20.1958,
13.1955

236.8440,
252.9733, 223.4184

11.4350, 12.5375,
7.4310

284.9583,
304.0905, 272.0433

6.4297, 7.1108,
3.6506

339.1837,

3.1512, 3.5315,

361.6678, 327.2563

1.4357

399.8856,
426.0895, 389.4758

■ 1.2342, 1.4151,
0.1693

■ 0.1331, 0.2278,
0.0000

■ 75.1521, 80.8343,
64.4650

■ 75.1521, 80.8343,
64.4650

■ 71.5259, 77.6376,
50.7519

■ 79.2449, 84.2622,
80.4956

■ 68.3391, 74.6528,
39.2421

■ 83.8174, 87.9187,
98.9402

■ 65.5712, 71.8743,
29.8198

■ 86.5526, 90.8798,
107.5875

■ 63.1978, 69.2918,
22.3561

■ 87.7444, 93.2634,
107.9848

■ 61.1916, 66.8944,
16.7083

■ 88.9613, 95.6972,
108.3904

■ 59.5214, 64.6693,
12.7137

■ 89.7454, 97.2654,
108.6517

■ 58.1509, 62.6016,
10.1809

■ 57.0302, 60.6711,
8.8485

■ 56.8127, 60.2799,
8.6408

Harmonies

Analogous

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



79.9524, 80.8343, 65.3354



75.1521, 80.8343, 64.4650



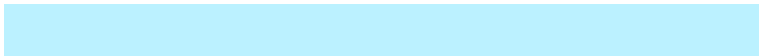
70.9768, 80.8343, 69.3864

Triad

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



75.1521, 80.8343, 64.4650



70.0162, 80.8343, 106.3705



85.8817, 80.8343, 97.1351

Complementary

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



75.1521, 80.8343, 64.4650



60.3468, 61.3460, 91.0988

Split Complementary

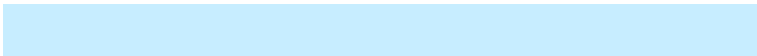
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.9977, 80.8343, 109.7105



75.1521, 80.8343, 64.4650



73.7911, 80.8343, 115.4153

Square

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



75.1521, 80.8343, 64.4650



68.0947, 80.8343, 92.9466



78.5339, 80.8343, 116.6976



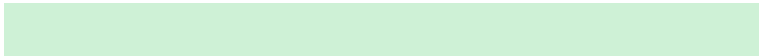
86.2833, 80.8343, 83.2606

Rectangle

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



75.1521, 80.8343, 64.4650



69.0585, 80.8343, 75.6231



78.5339, 80.8343, 116.6976



85.1649, 80.8343, 101.6912

Sweetspot

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



75.1542, 80.8379, 64.4667



92.4065, 97.8897, 98.2257



66.8214, 62.8265, 65.8375



19.7017, 20.8901, 20.7154



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.



75.1542, 80.8379, 64.4667



84.8794, 91.5858, 68.7405



72.4984, 82.4669, 64.9211



16.8912, 17.9956, 16.7330



31.1832, 33.1645, 4.7579



2.6520, 2.8746, 0.4151

Inverse Universe

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



60.3468, 61.3460, 91.0988



65.3449, 65.8727, 103.8784



62.6550, 60.1231, 90.7411



15.1049, 15.6440, 19.9451



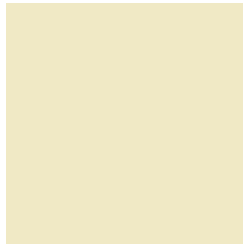
9.0707, 4.3657, 45.4925



0.8153, 0.4846, 3.8048

Previews

White Background



This preview shows how the XYZ color 75.1521, 80.8343, 64.4650 looks on a white background.

Color Contrast Check

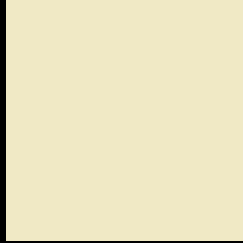
Large Text (above 18pt) WCAG AA × Fail

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 75.1521, 80.8343, 64.4650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

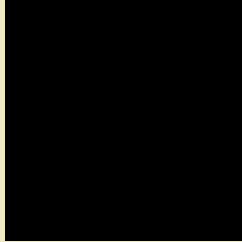
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

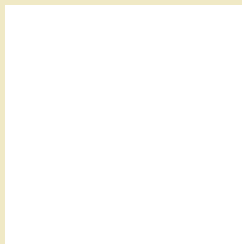
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1521, 80.8343, 64.4650

Background



This preview shows how black text looks on a background with the XYZ color 75.1521, 80.8343, 64.4650.



This preview shows how white text looks on a background with the XYZ color 75.1521, 80.8343,

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

75.1521, 80.8343, 64.4650

Protanopia

76.1286, 80.9318, 63.8336

Deuteranopia

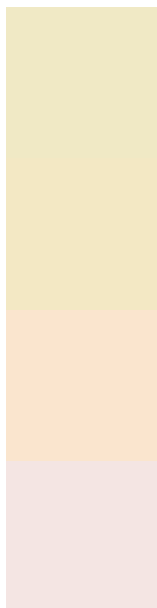
80.4670, 80.9013, 73.0025



Tritanopia

81.5315, 80.5172, 96.8321

Trichromacy



Original Color

75.1521, 80.8343, 64.4650

Protanomaly

75.7826, 80.7534, 63.8174

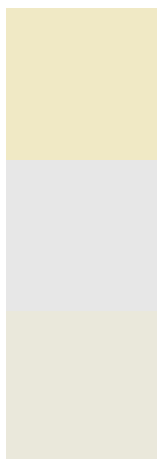
Deuteranomaly

78.5842, 80.8188, 69.8503

Tritanomaly

79.1927, 80.8178, 84.0985

Monochromacy



Original Color

75.1521, 80.8343, 64.4650

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.5745, 80.3201, 78.5380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1521, 80.8343, 64.4650 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(240, 233, 197)` looks like.

```
.text, #text, p{  
    color:rgb(240, 233, 197)  
}
```

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(240, 233, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 233, 197) }
```

Border

The CSS property to change the border of an element to XYZ 75.1521, 80.8343, 64.4650 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(240, 233, 197) }
```


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

```
.border{ border-color:rgb(240, 233, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 233, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 233, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 233, 197);  
box-shadow:4px 4px 4px 4px rgb(240, 233,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1521, 80.8343, 64.4650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 233, 197) }
```

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

```
.background{ background-color: rgb(240,  
233, 197) }
```

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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