

Converting Colors

XYZ(73.6292, 81.4244, 50.5105)

Have a look what the booklet for
XYZ(73.6292, 81.4244, 50.5105)
contains.

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Color

**XYZ(73.6218, 81.6320,
50.4043)**

Conversions

Conversions Part 1

Format	Color
Hex	F1ECAB
RGB	241, 236, 171
RGB Percent	95%, 93%, 67%
CMY	0.0549, 0.0745, 0.3294
CMYK	0.00, 0.02, 0.29, 0.05
HSL	56°, 71%, 81%
HSV	56°, 29%, 95%
XYZ	73.6218, 81.6320, 50.4043
YIQ	230.0850, 23.8450, -19.1550

Conversions

Conversions Part 2

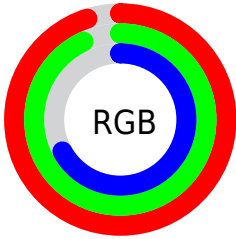
Format	Color
RYB	176, 241, 171
Decimal	15854763
CIELab	92.41, -8.10, 32.20
CIELCh	92, 33.207, 104.125
Yxy	81.6320, 0.3580, 0.3969
Android (android.graphics.Color)	4294044843 (0xFFF1ECAB)
YUV	230.0850, -29.1289, 9.5725
Hunter-Lab	90.3504, -12.6630, 30.1689

Details

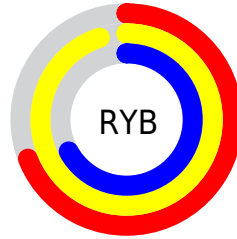
The XYZ color **73.6218, 81.6320, 50.4043** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **48.1969, 46.0583, 89.5692**, and the grayscale version is **75.4750, 79.4056, 86.4727**.

A 20% lighter version of the original color is **90.8651, 98.3261, 86.8628**, and **39.3584, 44.1409, 23.5852** is the 20% darker color. If you saturate the color by 10%, you get **71.0391, 79.8134, 39.2249**, and if you desaturate by 10%, it is **76.6324, 83.6350, 63.7946**.

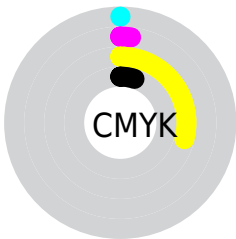
Distribution



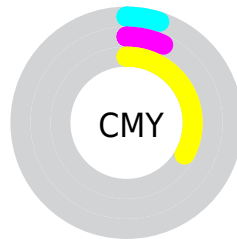
- Red (95%)
- Green (93%)
- Blue (67%)



- Red (69%)
- Yellow (95%)
- Blue (67%)



- Cyan (0%)
- Magenta (2%)
- Yellow (29%)
- Black (5%)



- Cyan (5%)
- Magenta (7%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6218, 81.6320, 50.4043 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 73.6218, 81.6320, 50.4043 by changing the saturation by 10% instead.

73.6218, 81.6320,
50.4043

73.6218, 81.6320,
50.4043

462.2375,
500.4159, 405.0252

54.7747, 61.0622,
35.3613

123.3579,
135.6578, 92.1761

39.4545, 44.2754,
23.6556

154.9777,
169.8827, 119.7420

27.2958, 30.8871,
14.8685

191.5857,
209.4280, 152.3192

17.9332, 20.5129,
8.5815

233.5474,
254.6783, 190.3264

11.0015, 12.7684,
4.3762

281.2281,
306.0178, 234.1821

6.1351, 7.2693,
1.8339

334.9931,

2.9689, 3.6311,

363.8309, 284.3047

0.4502

395.2078,
428.5022, 341.1129

■ 1.1373, 1.4694,
0.0000

■ 0.0560, 0.2670,
0.0000

■ 73.6218, 81.6320,
50.4043

■ 73.6218, 81.6320,
50.4043

■ 71.0391, 79.8134,
39.2249

■ 76.6324, 83.6350,
63.7946

■ 68.8551, 78.1591,
30.1312

■ 80.0855, 85.8199,
79.5014

■ 67.0470, 76.6627,
22.9935

■ 84.0031, 88.1982,
97.6300

■ 65.5870, 75.3131,
17.6655

■ 86.3416, 89.9526,
107.4196

■ 64.4435, 74.0977,
13.9805

■ 86.8583, 90.9860,
107.5919

■ 63.5787, 73.0013,
11.7407

■ 87.3798, 92.0290,
107.7657

■ 62.9360, 72.0011,
10.6466

■ 87.9062, 93.0817,
107.9411

■ 62.8793, 71.9079,
10.5655

■ 88.4374, 94.1441,
108.1182

■ 88.9734, 95.2162,
108.2969

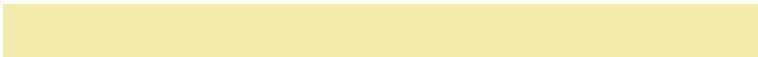
Harmonies

Analogous

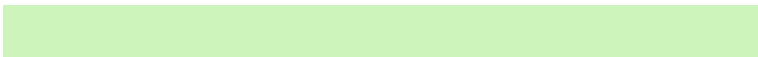
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.2018, 81.6320, 50.6613



73.6218, 81.6320, 50.4043



66.6331, 81.6320, 59.0312

Triad

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



73.6218, 81.6320, 50.4043



66.3108, 81.6320, 126.1120



94.6108, 81.6320, 102.4812

Complementary

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



73.6218, 81.6320, 50.4043



48.1969, 46.0583, 89.5692

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.



89.6840, 81.6320, 127.4082



73.6218, 81.6320, 50.4043



73.1516, 81.6320, 142.6774

Square

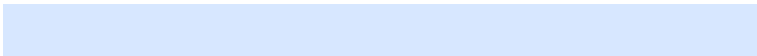
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.6218, 81.6320, 50.4043



62.6282, 81.6320, 100.9522



81.6957, 81.6320, 143.1914



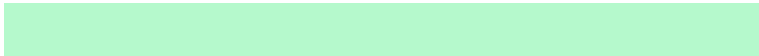
94.7601, 81.6320, 77.8169

Rectangle

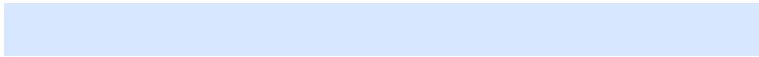
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.6218, 81.6320, 50.4043



63.6376, 81.6320, 69.7715



81.6957, 81.6320, 143.1914



93.4430, 81.6320, 111.2008

Sweetspot

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



73.6239, 81.6357, 50.4060



91.0525, 97.5688, 90.4149



58.7585, 50.9952, 48.2551



19.3594, 20.8032, 18.7584



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

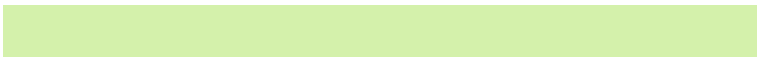
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.6239, 81.6357, 50.4060



81.8622, 91.5283, 49.3084



65.9099, 79.8236, 50.4628



17.0208, 18.2546, 16.7761



34.1403, 39.0786, 5.7435



2.8688, 3.3083, 0.4874

Inverse Universe

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



48.1969, 46.0583, 89.5692



48.4984, 44.8498, 100.7085



54.3049, 47.7800, 89.5796



14.9878, 15.4098, 19.9060



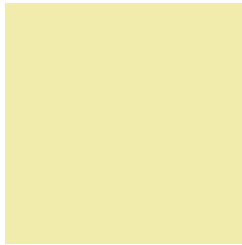
8.7550, 3.7343, 45.3872



0.7597, 0.3734, 3.7862

Previews

White Background



This preview shows how the XYZ color 73.6218, 81.6320, 50.4043 looks on a white background.

Color Contrast Check

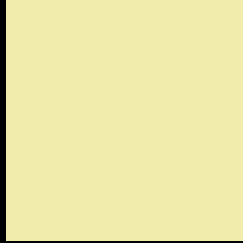
Large Text (above 18pt) WCAG AA × Fail

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 73.6218, 81.6320, 50.4043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

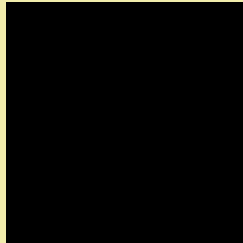
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.6218, 81.6320, 50.4043

Background



This preview shows how black text looks on a background with the XYZ color 73.6218, 81.6320, 50.4043.



This preview shows how white text looks on a background with the XYZ color 73.6218, 81.6320,

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

73.6218, 81.6320, 50.4043

Protanopia

76.1783, 81.6893, 49.7828

Deuteranopia

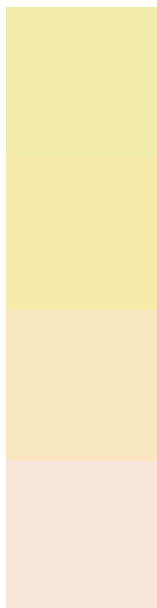
80.1240, 81.2030, 69.8433



Tritanopia

82.9498, 81.2484, 96.8985

Trichromacy



Original Color

73.6218, 81.6320, 50.4043

Protanomaly

75.0363, 81.5221, 49.8107

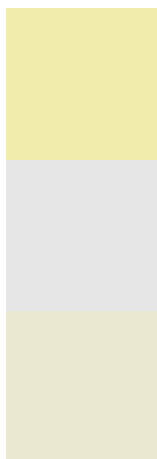
Deuteranomaly

77.6259, 81.3261, 62.0583

Tritanomaly

79.1790, 81.3775, 77.1799

Monochromacy



Original Color

73.6218, 81.6320, 50.4043

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.2969, 79.8091, 71.8104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6218, 81.6320, 50.4043 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(241, 236, 171)` looks like.

```
.text, #text, p{  
    color:rgb(241, 236, 171)  
}
```

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(241, 236, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 236, 171) }
```

Border

The CSS property to change the border of an element to XYZ 73.6218, 81.6320, 50.4043 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(241, 236, 171) }
```


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

```
.border{ border-color:rgb(241, 236, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 236, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 236, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 236, 171);  
box-shadow:4px 4px 4px 4px rgb(241, 236,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6218, 81.6320, 50.4043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 236, 171) }
```

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

```
.background{ background-color: rgb(241,  
236, 171) }
```

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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