

Converting Colors

XYZ(72.6976, 82.0437, 56.3039)

Have a look what the booklet for
XYZ(72.6976, 82.0437, 56.3039)
contains.

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Color

**XYZ(72.6223, 81.8501,
56.2270)**

Conversions

Conversions Part 1

Format	Color
Hex	E9EEB6
RGB	233, 238, 182
RGB Percent	91%, 93%, 71%
CMY	0.0863, 0.0666, 0.2863
CMYK	0.02, 0.00, 0.24, 0.07
HSL	65°, 62%, 82%
HSV	65°, 24%, 93%
XYZ	72.6223, 81.8501, 56.2270
YIQ	230.1210, 14.9960, -18.4760

Conversions

Conversions Part 2

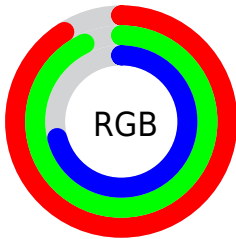
Format	Color
RYB	182, 238, 187
Decimal	15330998
CIELab	92.51, -10.61, 26.63
CIELCh	93, 28.662, 111.720
Yxy	81.8501, 0.3447, 0.3885
Android (android.graphics.Color)	4293521078 (0xFFE9EEB6)
YUV	230.1210, -23.7237, 2.5249
Hunter-Lab	90.4710, -15.0400, 26.4815

Details

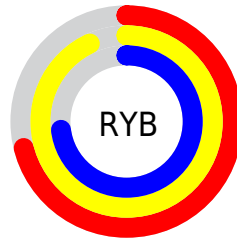
The XYZ color **72.6223, 81.8501, 56.2270** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **52.6572, 50.1959, 87.8069**, and the grayscale version is **75.4675, 79.3977, 86.4641**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **38.8219, 44.3880, 27.2905** is the 20% darker color. If you saturate the color by 10%, you get **69.6793, 80.5959, 44.3228**, and if you desaturate by 10%, it is **75.9960, 83.2831, 70.3367**.

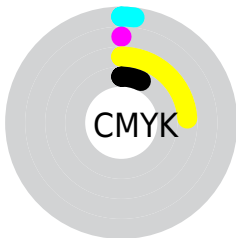
Distribution



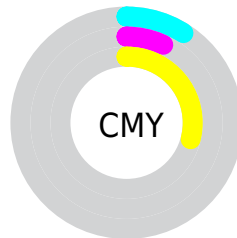
- Red (91%)
- Green (93%)
- Blue (71%)



- Red (71%)
- Yellow (93%)
- Blue (73%)



- Cyan (2%)
- Magenta (0%)
- Yellow (24%)
- Black (7%)



- Cyan (9%)
- Magenta (7%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6223, 81.8501, 56.2270 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 72.6223, 81.8501, 56.2270 by changing the saturation by 10% instead.

72.6223, 81.8501,
56.2270

72.6223, 81.8501,
56.2270

458.8288,
501.1461, 427.9587

53.9545, 61.2420,
39.9797

121.9469,
135.9638, 100.8255

38.7958, 44.4205,
27.2091

153.3343,
170.2381, 130.0138

26.7809, 31.0012,
17.4965

189.6924,
209.8367, 164.3529

17.5445, 20.5998,
10.4234

231.3864,
255.1438, 204.2613

10.7211, 12.8318,
5.5713

278.7816,
306.5439, 250.1575

5.9456, 7.3128,
2.5217

332.2436,

2.8523, 3.6585,

364.4214, 302.4602

0.8516

392.1375,
429.1607, 361.5877

■ 1.0762, 1.4844,
0.0000

■ 0.0050, 0.2777,
0.0000

■ 72.6223, 81.8501,
56.2270

■ 72.6223, 81.8501,
56.2270

■ 69.6793, 80.5959,
44.3228

■ 75.9960, 83.2831,
70.3367

■ 67.1395, 79.5012,
34.5078

■ 79.8138, 84.8919,
86.7503

■ 64.9820, 78.5604,
26.6626

■ 84.0961, 86.6875,
105.5662

■ 63.1815, 77.7634,
20.6538

■ 85.0760, 87.1631,
106.9479

■ 61.7094, 77.0986,
16.3316

■ 85.8085, 87.5407,
106.9822

■ 60.5328, 76.5530,
13.5225

■ 86.5495, 87.9227,
107.0169

■ 59.6117, 76.1106,
12.0159

■ 87.2990, 88.3091,
107.0519

■ 59.1125, 75.8635,
11.5276

■ 88.0571, 88.6999,
107.0874

■ 88.8238, 89.0951,
107.1233

Harmonies

Analogous

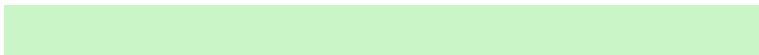
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8740, 81.8501, 54.4216



72.6223, 81.8501, 56.2270



67.1002, 81.8501, 66.0776

Triad

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



72.6223, 81.8501, 56.2270



69.2678, 81.8501, 125.2968



92.8250, 81.8501, 95.1508

Complementary

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



72.6223, 81.8501, 56.2270



52.6572, 50.1959, 87.8069

Split Complementary

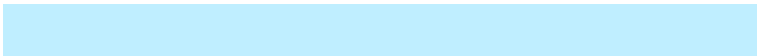
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.5721, 81.8501, 116.9809



72.6223, 81.8501, 56.2270



75.7545, 81.8501, 136.1106

Square

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



72.6223, 81.8501, 56.2270



65.2512, 81.8501, 105.1550



83.2099, 81.8501, 132.8466



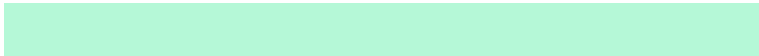
91.8538, 81.8501, 74.8056

Rectangle

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



72.6223, 81.8501, 56.2270



64.9904, 81.8501, 76.8805



83.2099, 81.8501, 132.8466



92.1822, 81.8501, 102.5960

Sweetspot

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



72.6244, 81.8537, 56.2287



91.7235, 98.6019, 94.4334



61.4058, 56.9561, 52.0143



19.5739, 21.0801, 19.9595



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

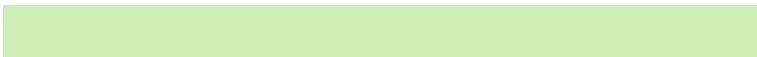
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.6244, 81.8537, 56.2287



83.3009, 95.0336, 59.0808



64.2899, 77.5571, 55.8387



16.9755, 18.3830, 16.8033



33.0341, 42.3513, 6.4335



2.7886, 3.5441, 0.5371

Inverse Universe

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



52.6572, 50.1959, 87.8069



56.3381, 52.2798, 101.7294



60.0897, 54.0275, 88.1548



15.0282, 15.2963, 19.8820



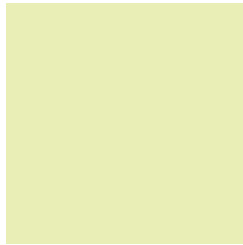
8.8306, 3.5577, 45.3492



0.7790, 0.3189, 3.7747

Previews

White Background



This preview shows how the XYZ color 72.6223, 81.8501, 56.2270 looks on a white background.

Color Contrast Check

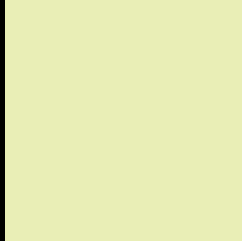
Large Text (above 18pt) WCAG AA × Fail

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 72.6223, 81.8501, 56.2270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

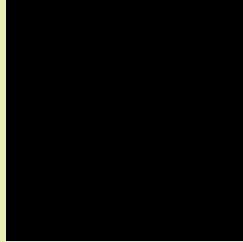
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.6223, 81.8501, 56.2270

Background



This preview shows how black text looks on a background with the XYZ color 72.6223, 81.8501, 56.2270.

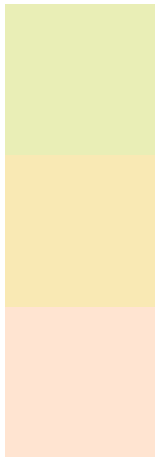


This preview shows how white text looks on a background with the XYZ color 72.6223, 81.8501,

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

72.6223, 81.8501, 56.2270

Protanopia

76.4441, 81.7129, 54.9231

Deuteranopia

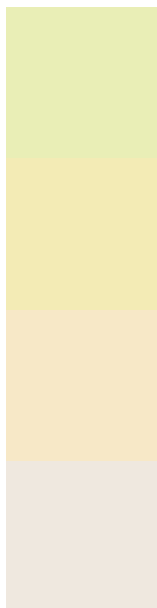
80.4920, 81.3503, 71.7814



Tritanopia

81.4258, 81.6313, 99.4605

Trichromacy



Original Color

72.6223, 81.8501, 56.2270

Protanomaly

75.0110, 81.8075, 55.5530

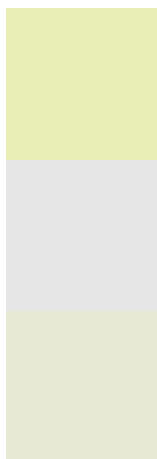
Deuteranomaly

77.5232, 81.6109, 65.6994

Tritanomaly

77.7725, 81.3917, 81.4231

Monochromacy



Original Color

72.6223, 81.8501, 56.2270

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.1042, 80.0708, 74.5003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6223, 81.8501, 56.2270 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(233, 238, 182)` looks like.

```
.text, #text, p{  
    color:rgb(233, 238, 182)  
}
```

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(233, 238, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 238, 182) }
```

Border

The CSS property to change the border of an element to XYZ 72.6223, 81.8501, 56.2270 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(233, 238, 182) }
```


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

```
.border{ border-color:rgb(233, 238, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 238, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 238, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 238, 182);  
box-shadow:4px 4px 4px 4px rgb(233, 238,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6223, 81.8501, 56.2270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 238, 182) }
```

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

```
.background{ background-color: rgb(233,  
238, 182) }
```

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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