

Converting Colors

XYZ(75.5166, 83.0892, 56.1445)

Have a look what the booklet for
XYZ(75.5166, 83.0892, 56.1445)
contains.

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Color

**XYZ(75.3456, 82.8230,
56.2713)**

Conversions

Conversions Part 1

Format	Color
Hex	F2EDB6
RGB	242, 237, 182
RGB Percent	95%, 93%, 71%
CMY	0.0510, 0.0706, 0.2863
CMYK	0.00, 0.02, 0.25, 0.05
HSL	55°, 70%, 83%
HSV	55°, 25%, 95%
XYZ	75.3456, 82.8230, 56.2713
YIQ	232.2250, 20.6350, -16.0450

Conversions

Conversions Part 2

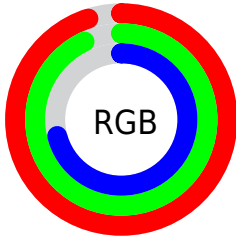
Format	Color
RYB	187, 242, 182
Decimal	15920566
CIELab	92.94, -6.81, 27.32
CIELCh	93, 28.159, 103.993
Yxy	82.8230, 0.3514, 0.3862
Android (android.graphics.Color)	4294110646 (0xFFFF2EDB6)
YUV	232.2250, -24.7609, 8.5727
Hunter-Lab	91.0071, -11.4808, 27.0450

Details

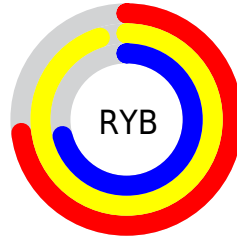
The XYZ color **75.3456, 82.8230, 56.2713** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **53.0885, 51.8953, 91.2234**, and the grayscale version is **77.0409, 81.0530, 88.2668**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **40.4939, 44.9470, 27.3103** is the 20% darker color. If you saturate the color by 10%, you get **72.4786, 80.7511, 44.0250**, and if you desaturate by 10%, it is **78.6557, 85.0884, 70.7995**.

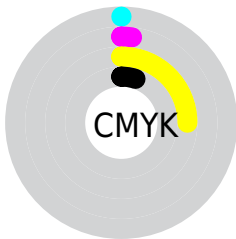
Distribution



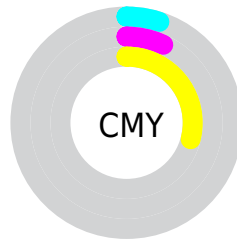
- Red (95%)
- Green (93%)
- Blue (71%)



- Red (73%)
- Yellow (95%)
- Blue (71%)



- Cyan (0%)
- Magenta (2%)
- Yellow (25%)
- Black (5%)



- Cyan (5%)
- Magenta (7%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3456, 82.8230, 56.2713 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 75.3456, 82.8230, 56.2713 by changing the saturation by 10% instead.

75.3456, 82.8230,
56.2713

75.3456, 82.8230,
56.2713

468.0835,
504.3964, 428.1301

56.1912, 62.0441,
40.0150

125.7867,
137.3275, 100.8909

40.5939, 45.0684,
27.2364

157.8042,
171.8220, 130.0913

28.1881, 31.5113,
17.5168

194.8402,
211.6571, 164.4435

18.6087, 20.9885,
10.4378

237.2598,
257.2173, 204.3660

11.4902, 13.1156,
5.5808

285.4287,
308.8869, 250.2774

6.4673, 7.5082,
2.5273

339.7120,

3.1746, 3.7819,

367.0504, 302.5961

0.8546

400.4751,
432.0921, 361.7409

■ 1.2467, 1.5523,
0.0000

■ 0.1428, 0.3251,
0.0000

■ 75.3456, 82.8230,
56.2713

■ 75.3456, 82.8230,
56.2713

■ 72.4786, 80.7511,
44.0250

■ 78.6557, 85.0884,
70.7995

■ 70.0259, 78.8525,
33.9383

■ 82.4232, 87.5444,
87.7130

■ 67.9656, 77.1212,
25.8855

■ 86.6694, 90.2024,
107.1152

■ 66.2709, 75.5466,
19.7256

■ 87.3397, 91.4406,
107.6543

■ 64.9115, 74.1164,
15.2999

■ 87.9527, 92.6666,
107.8586

■ 63.8524, 72.8167,
12.4237

■ 88.5723, 93.9058,
108.0651

■ 63.0506, 71.6302,
10.8703

■ 89.1986, 95.1584,
108.2739

■ 62.7012, 71.0437,
10.4081

■ 89.8316, 96.4244,
108.4849

■ 90.4281, 97.6173,
108.6837

Harmonies

Analogous

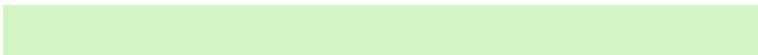
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.6910, 82.8230, 56.5411



75.3456, 82.8230, 56.2713



69.2879, 82.8230, 64.0344

Triad

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



75.3456, 82.8230, 56.2713



68.9652, 82.8230, 121.3877



93.1340, 82.8230, 101.8334

Complementary

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



75.3456, 82.8230, 56.2713



53.0885, 51.8953, 91.2234

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.



88.9731, 82.8230, 122.6205



75.3456, 82.8230, 56.2713



74.8797, 82.8230, 135.0563

Square

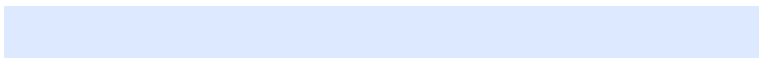
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.3456, 82.8230, 56.2713



65.7627, 82.8230, 100.3478



82.1953, 82.8230, 135.5398



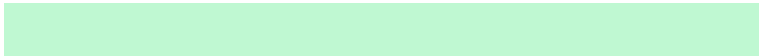
93.2781, 82.8230, 80.7236

Rectangle

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



75.3456, 82.8230, 56.2713



66.6661, 82.8230, 73.5389



82.1953, 82.8230, 135.5398



92.1475, 82.8230, 109.1596

Sweetspot

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



75.3477, 82.8267, 56.2730



91.8358, 97.9589, 94.3034



62.3163, 55.9220, 54.5244



19.6000, 20.9307, 19.9292



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

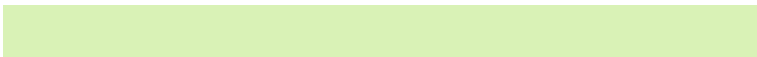
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3477, 82.8267, 56.2730



83.0883, 92.0187, 55.7653



68.8115, 81.6338, 56.3873



17.0038, 18.2207, 16.7705



33.7328, 38.2636, 5.6077



2.8392, 3.2491, 0.4775

Inverse Universe

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



53.0885, 51.8953, 91.2234



53.8464, 51.3869, 101.6884



58.4880, 53.1332, 91.1777



15.0030, 15.4401, 19.9111



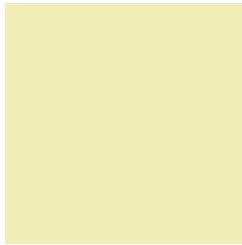
8.7847, 3.7936, 45.3971



0.7669, 0.3879, 3.7887

Previews

White Background



This preview shows how the XYZ color 75.3456, 82.8230, 56.2713 looks on a white background.

Color Contrast Check

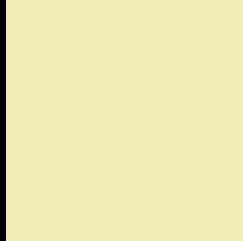
Large Text (above 18pt) WCAG AA × Fail

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 75.3456, 82.8230, 56.2713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

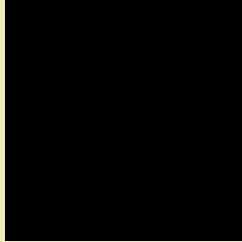
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

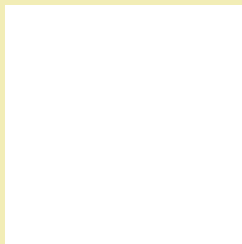
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3456, 82.8230, 56.2713

Background



This preview shows how black text looks on a background with the XYZ color 75.3456, 82.8230, 56.2713.

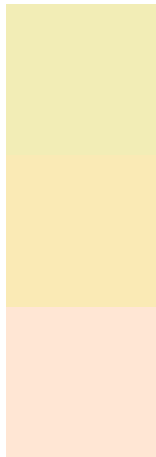


This preview shows how white text looks on a background with the XYZ color 75.3456, 82.8230,

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

75.3456, 82.8230, 56.2713

Protanopia

77.1876, 82.5058, 55.5731

Deuteranopia

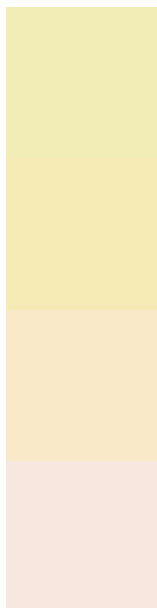
81.4205, 82.6071, 73.9408



Tritanopia

83.8023, 82.4646, 98.6892

Trichromacy



Original Color

75.3456, 82.8230, 56.2713

Protanomaly

76.4066, 82.5270, 55.6183

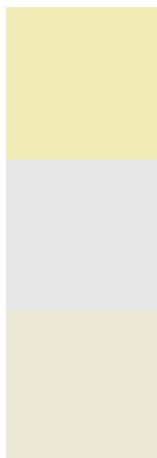
Deuteranomaly

79.1059, 82.8189, 67.0747

Tritanomaly

80.2530, 82.2537, 81.4588

Monochromacy



Original Color

75.3456, 82.8230, 56.2713

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.1525, 81.5335, 75.3422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3456, 82.8230, 56.2713 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(242, 237, 182)` looks like.

```
.text, #text, p{  
    color:rgb(242, 237, 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(242, 237, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 237, 182) }
```

Border

The CSS property to change the border of an element to XYZ 75.3456, 82.8230, 56.2713 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(242, 237, 182) }
```


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

```
.border{ border-color:rgb(242, 237, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 237, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 237, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 237, 182);  
box-shadow:4px 4px 4px 4px rgb(242, 237,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3456, 82.8230, 56.2713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 237, 182) }
```

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

```
.background{ background-color: rgb(242,  
237, 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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