

Converting Colors

XYZ(56.2012, 66.4572, 43.5849)

Have a look what the booklet for
XYZ(56.2012, 66.4572, 43.5849)
contains.

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Color

**XYZ(56.3769, 66.7036,
43.6219)**

Conversions

Conversions Part 1

Format	Color
Hex	C9DDA1
RGB	201, 221, 161
RGB Percent	79%, 87%, 63%
CMY	0.2118, 0.1333, 0.3686
CMYK	0.09, 0.00, 0.27, 0.13
HSL	80°, 47%, 75%
HSV	80°, 27%, 87%
XYZ	56.3769, 66.7036, 43.6219
YIQ	208.1800, 7.3400, -22.9000

Conversions

Conversions Part 2

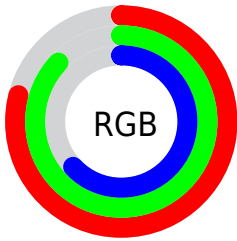
Format	Color
RYB	161, 221, 181
Decimal	13229473
CIELab	85.35, -16.77, 27.31
CIELCh	85, 32.046, 121.547
Yxy	66.7036, 0.3382, 0.4001
Android (android.graphics.Color)	4291419553 (0xFFC9DDA1)
YUV	208.1800, -23.2597, -6.2969
Hunter-Lab	81.6723, -19.7111, 25.5033

Details

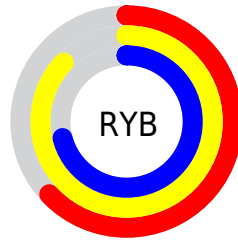
The XYZ color **56.3769, 66.7036, 43.6219** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.8546, 40.5357, 73.8703**, and the grayscale version is **60.2153, 63.3512, 68.9894**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **28.2506, 34.4876, 19.6358** is the 20% darker color. If you saturate the color by 10%, you get **52.6648, 64.9976, 34.1585**, and if you desaturate by 10%, it is **60.5320, 68.6022, 54.9069**.

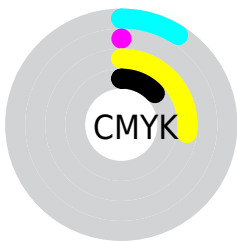
Distribution



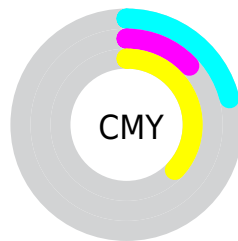
- Red (79%)
- Green (87%)
- Blue (63%)



- Red (63%)
- Yellow (87%)
- Blue (71%)



- Cyan (9%)
- Magenta (0%)
- Yellow (27%)
- Black (13%)



- Cyan (21%)
- Magenta (13%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3769, 66.7036, 43.6219 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 56.3769, 66.7036, 43.6219 by changing the saturation by 10% instead.

■ 56.3769, 66.7036,
43.6219

■ 56.3769, 66.7036,
43.6219

401.1624,
448.8890, 377.1592

■ 40.7434, 48.8438,
30.0384

■ 98.6920, 114.4956,
81.9449

■ 28.3054, 34.4956,
19.6154

■ 126.1044,
145.1966, 107.5214

■ 18.6976, 23.2746,
11.9345

158.1737,
180.9467, 137.9327

■ 11.5547, 14.7964,
6.5771

195.2653,
222.1305, 173.5973

■ 6.5113, 8.6766,
3.1246

237.7447,
269.1322, 214.9337

■ 3.2020, 4.5309,
1.1586

285.9771,

■ 1.2615, 1.9747,

322.3362, 262.3604

0.0000

340.3278,
382.1270, 316.2961

■ 0.1541, 0.5927,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3769, 66.7036,
43.6219

■ 56.3769, 66.7036,
43.6219

■ 52.6648, 64.9976,
34.1585

■ 60.5320, 68.6022,
54.9069

■ 49.3711, 63.4676,
26.4167

■ 65.1430, 70.6921,
68.0978

■ 46.4763, 62.1078,
20.2937

■ 70.2287, 72.9831,
83.2786

■ 43.9571, 60.9088,
15.6738

■ 75.8050, 75.4818,
100.5274

■ 41.7873, 59.8598,
12.4261

■ 79.1144, 77.0853,
105.3169

■ 39.9363, 58.9486,
10.3972

■ 81.6371, 78.3858,
105.4350

■ 38.3643, 58.1590,
9.3847

■ 84.2621, 79.7391,
105.5578

■ 37.9487, 57.9487,
9.1851

■ 85.1478, 80.1956,
105.5993

Harmonies

Analogous

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



63.0239, 66.7036, 39.5616



56.3769, 66.7036, 43.6219



51.9075, 66.7036, 55.2069

Triad

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



56.3769, 66.7036, 43.6219



56.9823, 66.7036, 113.7272



78.3939, 66.7036, 71.5556

Complementary

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



56.3769, 66.7036, 43.6219



44.8546, 40.5357, 73.8703

Split Complementary

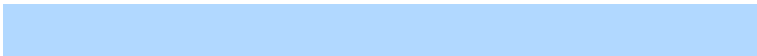
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.4742, 66.7036, 93.3774



56.3769, 66.7036, 43.6219



63.7771, 66.7036, 120.3400

Square

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



56.3769, 66.7036, 43.6219



52.2378, 66.7036, 95.6037



70.9829, 66.7036, 112.2789



76.0482, 66.7036, 53.6655

Rectangle

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



56.3769, 66.7036, 43.6219



50.5768, 66.7036, 66.9122



70.9829, 66.7036, 112.2789



78.2253, 66.7036, 78.6622

Sweetspot

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



56.3786, 66.7065, 43.6233



89.4796, 97.4879, 92.3956



52.7781, 50.9952, 40.7805



18.9383, 20.7696, 19.1551



0.0000, 0.0000, 0.0000



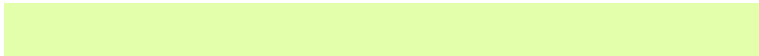
20.3446, 21.4041, 23.3091

Same Dimension

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



56.3786, 66.7065, 43.6233



74.7577, 90.7765, 52.0346



49.0862, 62.9471, 43.2821



13.7185, 15.0351, 13.9046



22.1685, 33.7258, 5.3413



1.5261, 2.2313, 0.3502

Inverse Universe

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



44.8546, 40.5357, 73.8703



56.1125, 48.4183, 100.9960



52.6624, 44.5608, 74.2357



12.7457, 12.8270, 16.4562



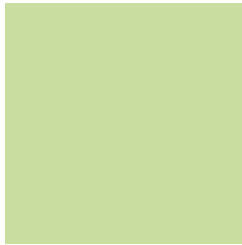
9.3155, 3.9265, 40.0053



0.6931, 0.3006, 2.5959

Previews

White Background



This preview shows how the XYZ color 56.3769, 66.7036, 43.6219 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 56.3769, 66.7036, 43.6219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

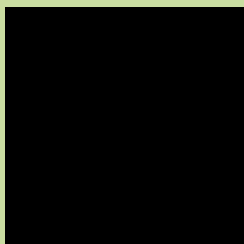
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

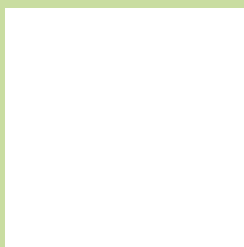
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.3769, 66.7036, 43.6219

Background



This preview shows how black text looks on a background with the XYZ color 56.3769, 66.7036, 43.6219.



This preview shows how white text looks on a background with the XYZ color 56.3769, 66.7036,

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

56.3769, 66.7036, 43.6219

Protanopia

62.1932, 66.6808, 41.4910

Deuteranopia

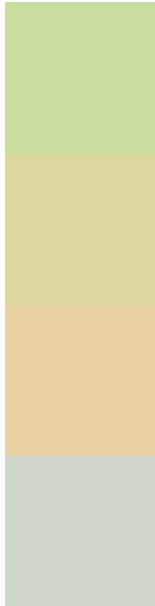
67.7180, 66.1901, 44.3288



Tritanopia

64.5503, 66.5930, 83.5803

Trichromacy



Original Color

56.3769, 66.7036, 43.6219

Protanomaly

59.9408, 66.6404, 42.0514

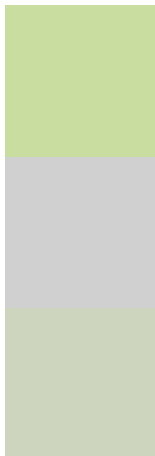
Deuteranomaly

62.9362, 65.8933, 44.0519

Tritanomaly

60.9316, 66.2259, 66.6982

Monochromacy



Original Color

56.3769, 66.7036, 43.6219

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.3751, 64.3292, 58.6303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3769, 66.7036, 43.6219 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(201, 221, 161)` looks like.

```
.text, #text, p{  
    color:rgb(201, 221, 161)  
}
```

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(201, 221, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 221, 161) }
```

Border

The CSS property to change the border of an element to XYZ 56.3769, 66.7036, 43.6219 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(201, 221, 161) }
```


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

```
.border{ border-color:rgb(201, 221, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 221, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 221, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 221, 161);  
box-shadow:4px 4px 4px 4px rgb(201, 221,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3769, 66.7036, 43.6219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 221, 161) }
```

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

```
.background{ background-color: rgb(201,  
221, 161) }
```

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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