

Converting Colors

XYZ(40.5890, 47.5635, 44.1576)

Have a look what the booklet for
XYZ(40.5890, 47.5635, 44.1576)
contains.

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Color

**XYZ(40.5856, 47.4406,
44.0637)**

Conversions

Conversions Part 1

Format	Color
Hex	A3BEA8
RGB	163, 190, 168
RGB Percent	64%, 75%, 66%
CMY	0.3608, 0.2549, 0.3412
CMYK	0.14, 0.00, 0.12, 0.25
HSL	131°, 17%, 69%
HSV	131°, 14%, 75%
XYZ	40.5856, 47.4406, 44.0637
YIQ	179.4190, -9.0300, -12.5660

Conversions

Conversions Part 2

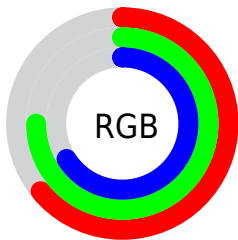
Format	Color
RYB	163, 186, 190
Decimal	10731176
CIELab	74.47, -13.45, 8.05
CIELCh	74, 15.671, 149.094
Yxy	47.4406, 0.3073, 0.3592
Android (android.graphics.Color)	4288921256 (0xFFA3BEA8)
YUV	179.4190, -5.6296, -14.3995
Hunter-Lab	68.8771, -15.3545, 10.2836

Details

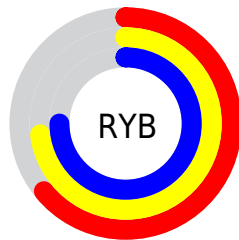
The XYZ color **40.5856, 47.4406, 44.0637** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.0910, 40.6454, 51.4753**, and the grayscale version is **43.1050, 45.3498, 49.3859**.

A 20% lighter version of the original color is **75.1885, 86.1447, 82.4768**, and **18.6536, 22.5318, 19.8889** is the 20% darker color. If you saturate the color by 10%, you get **35.6263, 45.0422, 36.7457**, and if you desaturate by 10%, it is **46.3038, 50.2131, 52.3157**.

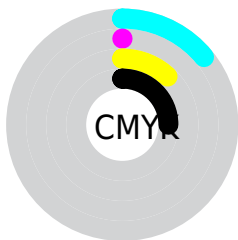
Distribution



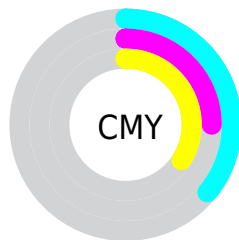
- Red (64%)
- Green (75%)
- Blue (66%)



- Red (64%)
- Yellow (73%)
- Blue (75%)



- Cyan (14%)
- Magenta (0%)
- Yellow (12%)
- Black (25%)




- Cyan (36%)
- Magenta (25%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5856, 47.4406, 44.0637 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 40.5856, 47.4406, 44.0637 by changing the saturation by 10% instead.


 40.5856, 47.4406,
44.0637


 40.5856, 47.4406,
44.0637


339.6779,
376.5705, 379.0171

 28.1817, 33.3841,
30.3830


 75.3331, 86.3709,
82.6171

 18.6038, 22.4209,
19.8750


 98.4074, 112.0135,
108.3269

 11.4866, 14.1665,
12.1210


125.7692,
142.2870, 138.8835

 6.4649, 8.2365,
6.7026

157.7838,
177.5757, 174.7054

 3.1731, 4.2467,
3.2012

194.8166,
218.2640, 216.2112

 1.2459, 1.8125,
1.1983

237.2330,

 0.1422, 0.4949,

264.7363, 263.8193

0.0000

285.3983,
317.3770, 317.9485

■ 0.0000, 0.0000,
0.0000

■ 40.5856, 47.4406,
44.0637

■ 40.5856, 47.4406,
44.0637

■ 35.6263, 45.0422,
36.7457

■ 46.3038, 50.2131,
52.3157

■ 31.3899, 42.9960,
30.3257

■ 52.8071, 53.3685,
61.5297

■ 27.8436, 41.2871,
24.7701

■ 60.1251, 56.9227,
71.7366

■ 24.9502, 39.8971,
20.0417

■ 68.2850, 60.8892,
82.9647

■ 22.6690, 38.8060,
16.1010

■ 76.1987, 64.7065,
95.1892

■ 20.9547, 37.9912,
12.9050

■ 77.7044, 65.3087,
103.1181

■ 19.7556, 37.4271,
10.4065

■ 19.0097, 37.0828,
8.5531

■ 18.7205, 36.9512,
7.7502

Harmonies

Analogous

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



42.4989, 47.4406, 39.2098



40.5856, 47.4406, 44.0637



39.8709, 47.4406, 51.4089

Triad

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



40.5856, 47.4406, 44.0637



45.0049, 47.4406, 68.8375



50.0098, 47.4406, 44.4484

Complementary

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



40.5856, 47.4406, 44.0637



43.0910, 40.6454, 51.4753

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.



50.7476, 47.4406, 51.9014



40.5856, 47.4406, 44.0637



47.7861, 47.4406, 66.4883

Square

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



40.5856, 47.4406, 44.0637



42.3559, 47.4406, 66.1974



49.9178, 47.4406, 60.0711



47.9411, 47.4406, 39.4151

Rectangle

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



40.5856, 47.4406, 44.0637



40.1464, 47.4406, 56.9167



49.9178, 47.4406, 60.0711



50.4255, 47.4406, 46.7275

Sweetspot

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



40.5869, 47.4426, 44.0647



84.0680, 91.0680, 95.0318



45.0459, 49.7941, 41.8879



18.2759, 19.9081, 20.6040



92.9021, 97.7402, 106.4391



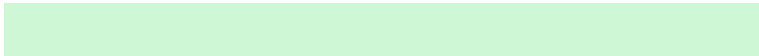
19.4759, 20.4902, 22.3138

Same Dimension

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



40.5869, 47.4426, 44.0647



70.6490, 84.5662, 75.6082



41.9060, 47.9702, 51.0108



9.4790, 10.6777, 10.5060



12.4691, 24.5779, 5.2673



0.5106, 0.9716, 0.3233

Inverse Universe

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



43.0910, 40.6454, 51.4753



76.0480, 69.9097, 91.5841



41.7371, 40.1039, 44.3456



9.8521, 9.6651, 11.6102



18.0709, 8.8595, 21.4649



0.7279, 0.3550, 0.9461

Previews

White Background



This preview shows how the XYZ color 40.5856, 47.4406, 44.0637 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 40.5856, 47.4406, 44.0637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

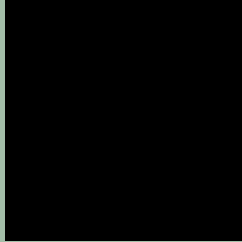
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5856, 47.4406, 44.0637

Background



This preview shows how black text looks on a background with the XYZ color 40.5856, 47.4406, 44.0637.



This preview shows how white text looks on a background with the XYZ color 40.5856, 47.4406,

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

40.5856, 47.4406, 44.0637

Protanopia

44.9146, 47.2126, 41.8676

Deuteranopia

48.0529, 46.9701, 45.0615



Tritanopia

43.9227, 47.1929, 61.4377

Trichromacy



Original Color

40.5856, 47.4406, 44.0637

Protanomaly

43.1965, 47.2383, 42.4385

Deuteranomaly

45.0148, 46.8972, 44.7097

Tritanomaly

42.5733, 47.2785, 54.4588

Monochromacy



Original Color

40.5856, 47.4406, 44.0637

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.9049, 45.8464, 47.1980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5856, 47.4406, 44.0637 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(163, 190, 168)` looks like.

```
.text, #text, p{  
    color:rgb(163, 190, 168)  
}
```

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(163, 190, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 190, 168) }
```

Border

The CSS property to change the border of an element to XYZ 40.5856, 47.4406, 44.0637 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(163, 190, 168) }
```


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

```
.border{ border-color:rgb(163, 190, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 190, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 190, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 190, 168);  
box-shadow:4px 4px 4px 4px rgb(163, 190,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5856, 47.4406, 44.0637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 190, 168) }
```

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

```
.background{ background-color: rgb(163,  
190, 168) }
```

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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