

Converting Colors

XYZ(43.3126, 56.9574, 40.1635)

Have a look what the booklet for
XYZ(43.3126, 56.9574, 40.1635)
contains.

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Color

**XYZ(43.3126, 56.9574,
40.1635)**

Conversions

Conversions Part 1

Format	Color
Hex	9BD59C
RGB	155, 213, 156
RGB Percent	61%, 84%, 61%
CMY	0.3922, 0.1647, 0.3882
CMYK	0.27, 0.00, 0.27, 0.16
HSL	121°, 41%, 72%
HSV	121°, 27%, 84%
XYZ	43.3126, 56.9574, 40.1635
YIQ	189.1600, -16.2710, -30.0230

Conversions

Conversions Part 2

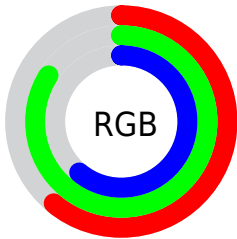
Format	Color
RYB	155, 212, 213
Decimal	10212764
CIELab	80.16, -29.70, 22.35
CIELCh	80, 37.170, 143.036
Yxy	56.9574, 0.3084, 0.4056
Android (android.graphics.Color)	4288402844 (0xFF9BD59C)
YUV	189.1600, -16.3479, -29.9583
Hunter-Lab	75.4701, -29.6309, 21.2763

Details

The XYZ color **43.3126, 56.9574, 40.1635** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **51.0476, 42.3436, 67.7725**, and the grayscale version is **48.5599, 51.0888, 55.6357**.

A 20% lighter version of the original color is **74.3818, 90.0720, 75.0933**, and **20.2050, 28.2780, 17.4900** is the 20% darker color. If you saturate the color by 10%, you get **37.9573, 54.3858, 31.4440**, and if you desaturate by 10%, it is **49.6975, 60.0278, 50.5281**.

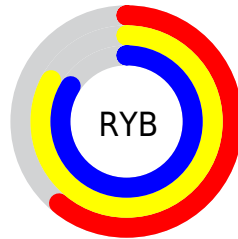
Distribution



Red (61%)

Green (84%)

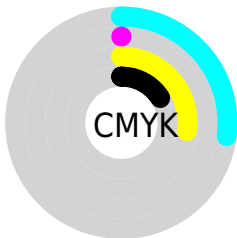
Blue (61%)



Red (61%)

Yellow (83%)

Blue (84%)

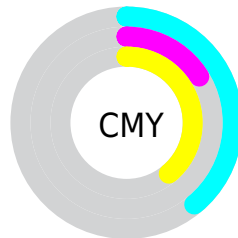


Cyan (27%)

Magenta (0%)

Yellow (27%)

Black (16%)



Cyan (39%)


Magenta (16%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3126, 56.9574, 40.1635 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 43.3126, 56.9574, 40.1635 by changing the saturation by 10% instead.


 43.3126, 56.9574,
40.1635


 43.3126, 56.9574,
40.1635

350.7955,
413.2897, 362.3848

 30.3260, 40.9710,
27.3513


 79.4351, 100.4030,
76.6522

 20.2355, 28.2965,
17.6025


 103.3019,
128.6311, 101.1658

 12.6756, 18.5493,
10.4985

131.5260,
161.7085, 130.4170

 7.2810, 11.3450,
5.6208

164.4729,
200.0196, 164.8242

 3.6863, 6.2994,
2.5509

202.5080,
243.9490, 204.8061

 1.5263, 3.0280,
0.8669

245.9965,

 0.3436, 1.1464,

293.8808, 250.7811

0.0000

295.3039,
350.1996, 303.1678

■ 0.0000, 0.0172,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.3126, 56.9574,
40.1635

■ 43.3126, 56.9574,
40.1635

■ 37.9573, 54.3858,
31.4440

■ 49.6975, 60.0278,
50.5281

■ 33.5735, 52.2798,
24.2817

■ 57.1571, 63.6137,
62.6123

■ 30.1044, 50.6139,
18.5859

■ 65.7395, 67.7397,
76.4907

■ 27.4852, 49.3568,
14.2554

■ 75.4882, 72.4270,
92.2321

■ 25.6430, 48.4733,
11.1758

■ 83.0854, 76.0708,
104.9118

■ 24.4922, 47.9223,
9.2146

■ 23.9211, 47.6496,
8.2085

■ 23.8155, 47.5988,
8.0378

Harmonies

Analogous

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



48.6346, 56.9574, 31.0052



43.3126, 56.9574, 40.1635



40.9274, 56.9574, 57.0953

Triad

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



43.3126, 56.9574, 40.1635



52.3894, 56.9574, 113.3212



68.6767, 56.9574, 47.0844

Complementary

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



43.3126, 56.9574, 40.1635



51.0476, 42.3436, 67.7725

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.



69.9192, 56.9574, 67.2135



43.3126, 56.9574, 40.1635



60.0380, 56.9574, 108.8694

Square

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



43.3126, 56.9574, 40.1635



45.8418, 56.9574, 101.6737



66.6278, 56.9574, 90.6337



63.3754, 56.9574, 34.3016

Rectangle

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



43.3126, 56.9574, 40.1635



41.1502, 56.9574, 71.9095



66.6278, 56.9574, 90.6337



69.6020, 56.9574, 53.0760

Sweetspot

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



43.3141, 56.9598, 40.1648



84.8775, 95.1095, 92.4453



56.8742, 63.9600, 40.3588



17.7843, 20.1732, 19.1671



0.0000, 0.0000, 0.0000



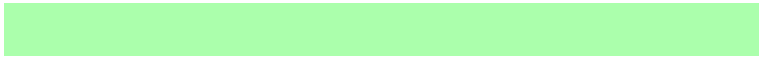
20.3446, 21.4041, 23.3091

Same Dimension

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



43.3141, 56.9598, 40.1648



59.9973, 83.1513, 52.0694



46.0669, 58.0609, 54.6610



12.2710, 13.8994, 13.2417



14.5507, 29.0756, 4.9299



0.8808, 1.7550, 0.3138

Inverse Universe

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



51.0476, 42.3436, 67.7725



73.5917, 57.4560, 100.5985



47.7144, 41.0103, 50.2204



12.9434, 12.6288, 15.6420



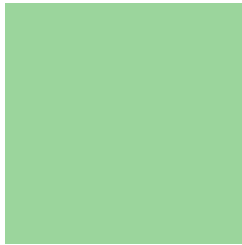
23.8207, 11.4646, 37.9556



1.4398, 0.6927, 2.3052

Previews

White Background



This preview shows how the XYZ color 43.3126, 56.9574, 40.1635 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 43.3126, 56.9574, 40.1635 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 43.3126, 56.9574, 40.1635

Background



This preview shows how black text looks on a background with the XYZ color 43.3126, 56.9574, 40.1635.



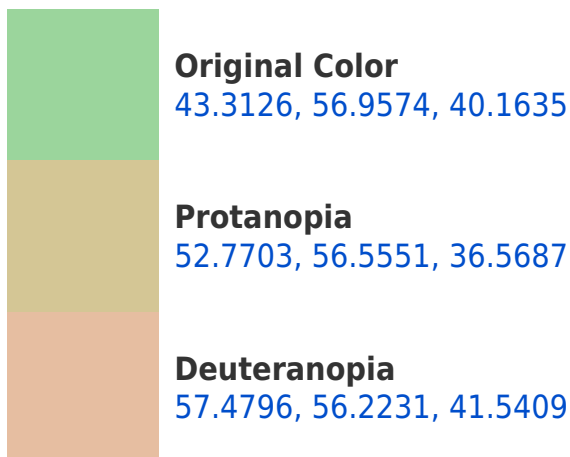
This preview shows how white text looks on a background with the XYZ color 43.3126, 56.9574,

40.1635.

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





Tritanopia

50.8188, 57.0986, 76.7493

Trichromacy



Original Color

43.3126, 56.9574, 40.1635

Protanomaly

48.5093, 56.0552, 37.9688

Deuteranomaly

51.0807, 55.5879, 40.8382

Tritanomaly

47.7382, 56.9295, 61.2957

Monochromacy



Original Color

43.3126, 56.9574, 40.1635

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

46.2614, 52.9096, 49.3693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3126, 56.9574, 40.1635 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(155, 213, 156)` looks like.

```
.text, #text, p{  
    color:rgb(155, 213, 156)  
}
```

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(155, 213, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 213, 156) }
```

Border

The CSS property to change the border of an element to XYZ 43.3126, 56.9574, 40.1635 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(155, 213, 156) }
```


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

```
.border{ border-color:rgb(155, 213, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 213, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 213, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 213, 156);  
box-shadow:4px 4px 4px 4px rgb(155, 213,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3126, 56.9574, 40.1635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 213, 156) }
```

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

```
.background{ background-color: rgb(155,  
213, 156) }
```

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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