

Converting Colors

XYZ(43.3763, 42.2968, 80.3740)

Have a look what the booklet for
XYZ(43.3763, 42.2968, 80.3740)
contains.

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Color

**XYZ(43.5438, 42.4161,
80.7550)**

Conversions

Conversions Part 1

Format	Color
Hex	A1ABE6
RGB	161, 171, 230
RGB Percent	63%, 67%, 90%
CMY	0.3686, 0.3294, 0.0980
CMYK	0.30, 0.26, 0.00, 0.10
HSL	231°, 58%, 77%
HSV	231°, 30%, 90%
XYZ	43.5438, 42.4161, 80.7550
YIQ	174.7360, -24.8990, 16.2290

Conversions

Conversions Part 2

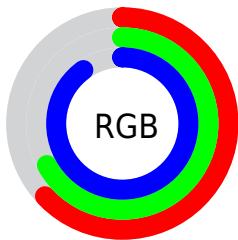
Format	Color
RYB	161, 170, 230
Decimal	10595302
CIELab	71.16, 9.77, -30.77
CIELCh	71, 32.281, 287.621
Yxy	42.4161, 0.2612, 0.2544
Android (android.graphics.Color)	4288785382 (0xFFA1ABE6)
YUV	174.7360, 27.2452, -12.0465
Hunter-Lab	65.1276, 5.3702, -27.9273

Details

The XYZ color **43.5438, 42.4161, 80.7550** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **64.6601, 70.5832, 43.9357**, and the grayscale version is **40.4853, 42.5937, 46.3845**.

A 20% lighter version of the original color is **73.8616, 76.3644, 105.4546**, and **20.3002, 19.3754, 42.7143** is the 20% darker color. If you saturate the color by 10%, you get **35.8857, 33.3586, 79.4111**, and if you desaturate by 10%, it is **52.6099, 53.0218, 82.3250**.

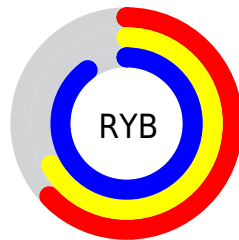
Distribution



Red (63%)

Green (67%)

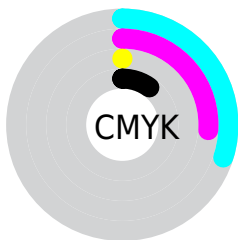
Blue (90%)



Red (63%)

Yellow (67%)

Blue (90%)

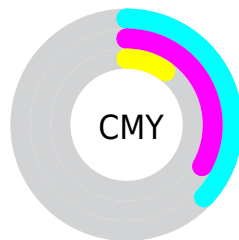


Cyan (30%)

Magenta (26%)

Yellow (0%)

Black (10%)



Cyan (37%)

Magenta (33%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5438, 42.4161, 80.7550 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 43.5438, 42.4161, 80.7550 by changing the saturation by 10% instead.

■ 43.5438, 42.4161,
80.7550

■ 43.5438, 42.4161,
80.7550

351.7271,
356.2049, 517.2473

■ 30.5084, 29.4272,
59.8100

■ 79.7814, 78.8290,
136.2477

■ 20.3748, 19.4043,
42.8412

■ 103.7144,
103.0218, 171.6325

■ 12.7776, 11.9628,
29.4301

132.0105,
131.7181, 212.6676

■ 7.3515, 6.7183,
19.1580

165.0353,
165.3022, 259.7716

■ 3.7312, 3.2866,
11.6066

203.1540,
204.1585, 313.3630

■ 1.5512, 1.2831,
6.3571

246.7319,

■ 0.3603, 0.1281,

248.6715, 373.8604

2.9911

296.1345,
299.2255, 441.6823

■ 0.0000, 0.0000,
1.0901

■ 0.0000, 0.0000,
0.0000

■ 43.5438, 42.4161,
80.7550

■ 43.5438, 42.4161,
80.7550

■ 35.8857, 33.3586,
79.4111

■ 52.6099, 53.0218,
82.3250

■ 29.5603, 25.7715,
78.2800

■ 63.1459, 65.2387,
84.1278

■ 24.4916, 19.5779,
77.3517

■ 75.2150, 79.1321,
86.1734

■ 20.5939, 14.6914,
76.6139

■ 88.8754, 94.7626,
88.4704

■ 17.7709, 11.0161,
76.0533

■ 91.2831, 98.4932,
89.0636

■ 15.9098, 8.4420,
75.6546

■ 14.8364, 6.8198,
75.3980

■ 14.8363, 6.8197,
75.3980

Harmonies

Analogous

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



38.1281, 42.4161, 81.7819



43.5438, 42.4161, 80.7550



48.4898, 42.4161, 69.2904

Triad

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



43.5438, 42.4161, 80.7550



47.7337, 42.4161, 27.5020



30.9924, 42.4161, 40.0927

Complementary

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



43.5438, 42.4161, 80.7550



64.6601, 70.5832, 43.9357

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.



33.1152, 42.4161, 28.8870



43.5438, 42.4161, 80.7550



42.5844, 42.4161, 22.7857

Square

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



43.5438, 42.4161, 80.7550



51.0534, 42.4161, 37.7472



37.2503, 42.4161, 23.2285



31.1993, 42.4161, 55.7925

Rectangle

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



43.5438, 42.4161, 80.7550



50.7088, 42.4161, 58.4678



37.2503, 42.4161, 23.2285



31.4487, 42.4161, 35.7536

Sweetspot

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



43.5452, 42.4178, 80.7560



81.1611, 84.0165, 106.5469



55.8678, 69.3204, 77.9039



16.9236, 17.4653, 22.7291



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.



43.5452, 42.4178, 80.7560



48.8198, 46.2768, 100.9670



47.0729, 41.5373, 80.4001



13.7505, 14.2225, 18.1648



8.4527, 3.9676, 42.7035



0.6778, 0.3995, 3.1734

Inverse Universe

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



52.7299, 45.2544, 44.4856



62.2593, 50.6801, 47.8377



60.1428, 72.2681, 44.4990



14.4617, 14.4019, 15.3656



18.6601, 9.5982, 1.8389



1.4057, 0.7200, 0.2771

Previews

White Background



This preview shows how the XYZ color 43.5438, 42.4161, 80.7550 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 43.5438, 42.4161, 80.7550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

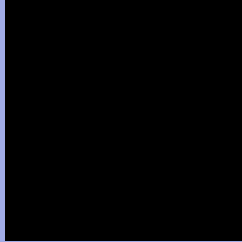
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5438, 42.4161, 80.7550

Background



This preview shows how black text looks on a background with the XYZ color 43.5438, 42.4161, 80.7550.



This preview shows how white text looks on a background with the XYZ color 43.5438, 42.4161,

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

43.5438, 42.4161, 80.7550

Protanopia

43.2769, 42.5437, 81.5321

Deuteranopia

43.3430, 42.3126, 80.7456



Tritanopia

38.5717, 42.4189, 56.0239

Trichromacy



Original Color

43.5438, 42.4161, 80.7550

Protanomaly

43.4744, 42.6455, 81.5414

Deuteranomaly

43.3430, 42.3126, 80.7456

Tritanomaly

40.1809, 42.1841, 64.4171

Monochromacy



Original Color

43.5438, 42.4161, 80.7550

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.5639, 42.7583, 57.6923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5438, 42.4161, 80.7550 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(161, 171, 230)` looks like.

```
.text, #text, p{  
    color:rgb(161, 171, 230)  
}
```

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(161, 171, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 171, 230) }
```

Border

The CSS property to change the border of an element to XYZ 43.5438, 42.4161, 80.7550 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(161, 171, 230) }
```


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

```
.border{ border-color:rgb(161, 171, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 171, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 171, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 171, 230);  
box-shadow:4px 4px 4px 4px rgb(161, 171,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5438, 42.4161, 80.7550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 171, 230) }
```

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

```
.background{ background-color: rgb(161,  
171, 230) }
```

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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