

Converting Colors

XYZ(43.6213, 43.1292, 62.1161)

Have a look what the booklet for
XYZ(43.6213, 43.1292, 62.1161)
contains.

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Color

**XYZ(43.5447, 43.1164,
61.9044)**

Conversions

Conversions Part 1

Format	Color
Hex	B1ACCA
RGB	177, 172, 202
RGB Percent	69%, 67%, 79%
CMY	0.3059, 0.3255, 0.2078
CMYK	0.12, 0.15, 0.00, 0.21
HSL	250°, 22%, 73%
HSV	250°, 15%, 79%
XYZ	43.5447, 43.1164, 61.9044
YIQ	176.9150, -6.6500, 10.3900

Conversions

Conversions Part 2

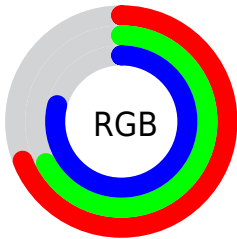
Format	Color
R_{YB}	177, 172, 202
Decimal	11644106
CIE Lab	71.63, 7.72, -14.59
CIE LCh	72, 16.508, 297.876
Yxy	43.1164, 0.2931, 0.2902
Android (android.graphics.Color)	4289834186 (0xFFB1ACCA)
YUV	176.9150, 12.3669, 0.0745
Hunter-Lab	65.6631, 3.4625, -9.9320

Details

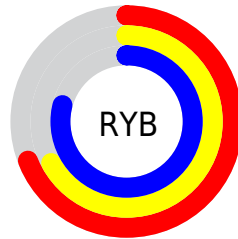
The XYZ color **43.5447, 43.1164, 61.9044** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.5943, 57.0910, 47.3320**, and the grayscale version is **41.6861, 43.8570, 47.7603**.

A 20% lighter version of the original color is **79.1234, 79.4818, 105.7790**, and **20.3739, 19.8561, 30.7758** is the 20% darker color. If you saturate the color by 10%, you get **36.3880, 34.1480, 60.5512**, and if you desaturate by 10%, it is **51.7614, 53.5009, 63.4764**.

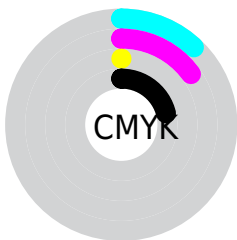
Distribution



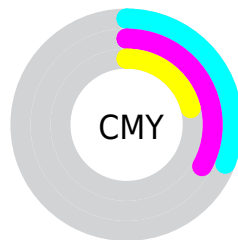
- Red (69%)
- Green (67%)
- Blue (79%)



- Red (69%)
- Yellow (67%)
- Blue (79%)



- Cyan (12%)
- Magenta (15%)
- Yellow (0%)
- Black (21%)



- Cyan (31%)
- Magenta (33%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5447, 43.1164, 61.9044 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 43.5447, 43.1164, 61.9044 by changing the saturation by 10% instead.

■ 43.5447, 43.1164,
61.9044

■ 43.5447, 43.1164,
61.9044

351.7307,
359.0902, 449.5803

■ 30.5091, 29.9765,
44.5202

■ 79.7828, 79.8865,
109.1576

■ 20.3753, 19.8207,
30.7395

103.7160,
104.2854, 139.8637

■ 12.7780, 12.2648,
20.1437

132.0124,
133.2061, 175.8474

■ 7.3518, 6.9243,
12.3145

165.0375,
167.0330, 217.5274

■ 3.7313, 3.4148,
6.8331

203.1565,
206.1505, 265.3221

■ 1.5513, 1.3519,
3.2811

246.7348,

■ 0.3603, 0.1809,

250.9429, 319.6501

1.2399

296.1377,
301.7947, 380.9300

■ 0.0000, 0.0000,
0.0117

■ 0.0000, 0.0000,
0.0000

■ 43.5447, 43.1164,
61.9044

■ 43.5447, 43.1164,
61.9044

■ 36.3880, 34.1480,
60.5512

■ 51.7614, 53.5009,
63.4764

■ 30.2439, 26.5290,
59.4044

■ 61.0752, 65.3539,
65.2734

■ 25.0674, 20.1951,
58.4547

■ 71.5259, 78.7314,
67.3047

■ 20.8081, 15.0749,
57.6909

■ 83.1504, 93.6852,
69.5784

■ 17.4113, 11.0895,
57.1007

■ 87.6608, 97.0443,
69.9890

■ 14.8163, 8.1512,
56.6703

■ 12.9537, 6.1585,
56.3838

■ 11.7420, 4.9894,
56.2220

■ 11.3093, 4.5986,
56.1694

Harmonies

Analogous

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



40.7821, 43.1164, 64.0634



43.5447, 43.1164, 61.9044



45.7017, 43.1164, 55.6134

Triad

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



43.5447, 43.1164, 61.9044



43.9048, 43.1164, 35.0833



35.8427, 43.1164, 46.3785

Complementary

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



43.5447, 43.1164, 61.9044



51.5943, 57.0910, 47.3320

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.



36.5969, 43.1164, 39.2302



43.5447, 43.1164, 61.9044



41.1803, 43.1164, 33.1872

Square

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



43.5447, 43.1164, 61.9044



45.9161, 43.1164, 40.1130



38.5197, 43.1164, 34.6158



36.4125, 43.1164, 54.5149

Rectangle

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



43.5447, 43.1164, 61.9044



46.4616, 43.1164, 50.2529



38.5197, 43.1164, 34.6158



35.9490, 43.1164, 43.7883

Sweetspot

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



43.5460, 43.1182, 61.9054



88.8234, 92.0872, 107.7008



47.7552, 53.1961, 63.6287



18.7686, 19.4018, 23.0057



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.



43.5460, 43.1182, 61.9054



69.4154, 67.5831, 103.9940



47.0264, 44.9124, 62.0682



10.7731, 10.9323, 14.1127



7.3285, 2.9855, 36.1463



0.4337, 0.1827, 1.8673

Inverse Universe

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



49.1891, 46.0946, 59.1297



80.9079, 73.6472, 98.2317



47.9780, 55.2267, 47.1628



11.6042, 11.3704, 13.7161



20.2705, 9.9188, 24.9411



1.0676, 0.5205, 1.4019

Previews

White Background



This preview shows how the XYZ color 43.5447, 43.1164, 61.9044 looks on a white background.

Color Contrast Check

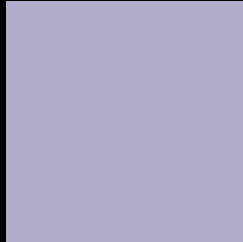
Large Text (above 18pt) WCAG AA × Fail

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 43.5447, 43.1164, 61.9044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

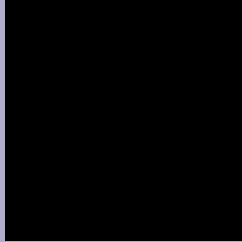
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5447, 43.1164, 61.9044

Background



This preview shows how black text looks on a background with the XYZ color 43.5447, 43.1164, 61.9044.



This preview shows how white text looks on a background with the XYZ color 43.5447, 43.1164,

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

43.5447, 43.1164, 61.9044

Protanopia

42.4931, 43.1299, 62.5852

Deuteranopia

44.0460, 43.0934, 61.8735



Tritanopia

41.8923, 43.0169, 53.6721

Trichromacy



Original Color

43.5447, 43.1164, 61.9044

Protanomaly

42.9566, 43.0832, 62.5517

Deuteranomaly

43.8140, 42.9738, 61.8626

Tritanomaly

42.4737, 42.9675, 56.5070

Monochromacy



Original Color

43.5447, 43.1164, 61.9044

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.3244, 43.5522, 52.6301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5447, 43.1164, 61.9044 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(177, 172, 202)` looks like.

```
.text, #text, p{  
    color:rgb(177, 172, 202)  
}
```

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(177, 172, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 172, 202) }
```

Border

The CSS property to change the border of an element to XYZ 43.5447, 43.1164, 61.9044 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(177, 172, 202) }
```


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

```
.border{ border-color:rgb(177, 172, 202) }
```

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

Here you see how a box with a 4 pixel rgb(177, 172, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 172, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 172, 202);  
box-shadow:4px 4px 4px 4px rgb(177, 172,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5447, 43.1164, 61.9044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 172, 202) }
```

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

```
.background{ background-color: rgb(177,  
172, 202) }
```

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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