

Converting Colors

XYZ(40.0435, 40.1429, 64.0303)

Have a look what the booklet for
XYZ(40.0435, 40.1429, 64.0303)
contains.

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Color

**XYZ(40.0435, 40.1429,
64.0303)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A8CE
RGB	162, 168, 206
RGB Percent	64%, 66%, 81%
CMY	0.3647, 0.3412, 0.1922
CMYK	0.21, 0.18, 0.00, 0.19
HSL	232°, 31%, 72%
HSV	232°, 21%, 81%
XYZ	40.0435, 40.1429, 64.0303
YIQ	170.5380, -15.7740, 10.5460

Conversions

Conversions Part 2

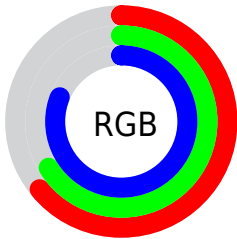
Format	Color
R _Y B	162, 167, 206
Decimal	10660046
CIE Lab	69.57, 5.99, -20.02
CIE LCh	70, 20.900, 286.651
Yxy	40.1429, 0.2777, 0.2784
Android (android.graphics.Color)	4288850126 (0xFFA2A8CE)
YUV	170.5380, 17.4828, -7.4878
Hunter-Lab	63.3584, 1.9375, -15.5678

Details

The XYZ color **40.0435, 40.1429, 64.0303** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.6298, 57.0390, 42.4192**, and the grayscale version is **38.3991, 40.3988, 43.9943**.

A 20% lighter version of the original color is **73.0529, 74.7471, 105.1851**, and **18.3433, 18.0728, 32.2274** is the 20% darker color. If you saturate the color by 10%, you get **33.1342, 32.0352, 62.8302**, and if you desaturate by 10%, it is **48.0902, 49.5059, 65.4141**.

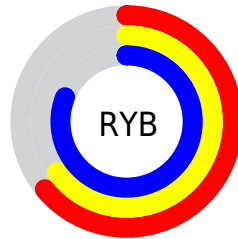
Distribution



Red (64%)

Green (66%)

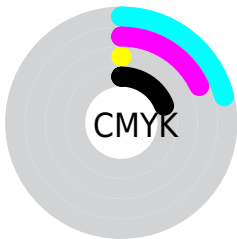
Blue (81%)



Red (64%)

Yellow (65%)

Blue (81%)

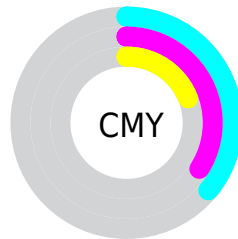


Cyan (21%)

Magenta (18%)

Yellow (0%)

Black (19%)



Cyan (36%)

Magenta (34%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.0435, 40.1429, 64.0303 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 40.0435, 40.1429, 64.0303 by changing the saturation by 10% instead.

■ 40.0435, 40.1429,
64.0303

■ 40.0435, 40.1429,
64.0303

337.4382,
346.7255, 457.5095

■ 27.7568, 27.6500,
46.2289

■ 74.5137, 75.3811,
112.2545

■ 18.2819, 18.0620,
32.0765

■ 97.4279, 98.8951,
143.5143

■ 11.2535, 10.9945,
21.1546

124.6153,
126.8516, 180.0973

■ 6.3062, 6.0631,
13.0447

156.4413,
159.6351, 222.4221

■ 3.0745, 2.8835,
7.3283

193.2712,
197.6298, 270.9071

■ 1.1933, 1.0712,
3.5867

235.4704,

■ 0.1011, 0.0000,

241.2201, 325.9711

1.4015

283.4043,
290.7906, 388.0323

■ 0.0000, 0.0000,
0.1429

■ 0.0000, 0.0000,
0.0000

■ 40.0435, 40.1429,
64.0303

■ 40.0435, 40.1429,
64.0303

■ 33.1342, 32.0352,
62.8302

■ 48.0902, 49.5059,
65.4141

■ 27.3069, 25.1245,
61.8034

■ 57.3186, 60.1695,
66.9860

■ 22.5076, 19.3551,
60.9428

■ 67.7754, 72.1829,
68.7537

■ 18.6756, 14.6648,
60.2394

■ 79.5035, 85.5909,
70.7235

■ 15.7442, 10.9857,
59.6838

■ 88.1407, 97.2363,
72.5161

■ 13.6377, 8.2416,
59.2651

■ 12.2676, 6.3453,
58.9713

■ 11.5583, 5.2915,
58.8053

Harmonies

Analogous

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



36.6766, 40.1429, 64.3883



40.0435, 40.1429, 64.0303



43.0683, 40.1429, 57.7401

Triad

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



40.0435, 40.1429, 64.0303



42.7824, 40.1429, 31.5445



32.1853, 40.1429, 39.5587

Complementary

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



40.0435, 40.1429, 64.0303



52.6298, 57.0390, 42.4192

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.



33.6297, 40.1429, 32.1574



40.0435, 40.1429, 64.0303



39.6718, 40.1429, 28.0117

Square

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



40.0435, 40.1429, 64.0303



44.7122, 40.1429, 38.5992



36.3261, 40.1429, 28.2181



32.2717, 40.1429, 49.2505

Rectangle

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



40.0435, 40.1429, 64.0303



44.4247, 40.1429, 51.4920



36.3261, 40.1429, 28.2181



32.5041, 40.1429, 36.7523

Sweetspot

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



40.0448, 40.1445, 64.0312



85.5722, 89.0703, 107.2899



47.3277, 55.9669, 62.5856



18.1045, 18.8204, 22.9284



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.



40.0448, 40.1445, 64.0312



59.0974, 58.2714, 102.7405



42.2846, 39.6921, 63.8258



10.7231, 11.0867, 14.1451



7.1587, 3.3414, 36.2239



0.4105, 0.2548, 1.8825

Inverse Universe

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



45.4428, 41.7907, 42.7189



69.5366, 61.5916, 61.4944



49.9791, 57.7765, 42.7013



11.2736, 11.2382, 11.9754



15.8243, 8.1403, 1.5274



0.8372, 0.4283, 0.1884

Previews

White Background



This preview shows how the XYZ color 40.0435, 40.1429, 64.0303 looks on a white background.

Color Contrast Check

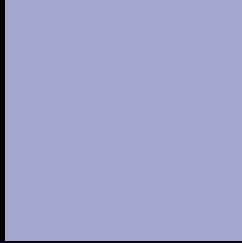
Large Text (above 18pt) WCAG AA × Fail

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 40.0435, 40.1429, 64.0303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

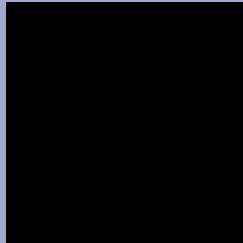
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.0435, 40.1429, 64.0303

Background



This preview shows how black text looks on a background with the XYZ color 40.0435, 40.1429, 64.0303.



This preview shows how white text looks on a background with the XYZ color 40.0435, 40.1429,

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

40.0435, 40.1429, 64.0303

Protanopia

39.8412, 40.0386, 64.0209

Deuteranopia

40.9252, 40.0535, 63.9666



Tritanopia

37.6100, 40.2769, 51.6909

Trichromacy



Original Color

40.0435, 40.1429, 64.0303

Protanomaly

39.8412, 40.0386, 64.0209

Deuteranomaly

40.6852, 40.2007, 64.0077

Tritanomaly

38.4866, 40.3470, 56.2114

Monochromacy



Original Color

40.0435, 40.1429, 64.0303

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.1749, 40.5350, 51.1067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0435, 40.1429, 64.0303 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(162, 168, 206)` looks like.

```
.text, #text, p{  
    color:rgb(162, 168, 206)  
}
```

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(162, 168, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 168, 206) }
```

Border

The CSS property to change the border of an element to XYZ 40.0435, 40.1429, 64.0303 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(162, 168, 206) }
```


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

```
.border{ border-color:rgb(162, 168, 206) }
```

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

Here you see how a box with a 4 pixel rgb(162, 168, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 168, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 168, 206);  
box-shadow:4px 4px 4px 4px rgb(162, 168,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0435, 40.1429, 64.0303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 168, 206) }
```

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

```
.background{ background-color: rgb(162,  
168, 206) }
```

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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