

Converting Colors

XYZ(43.3024, 40.4212, 76.3266)

Have a look what the booklet for
XYZ(43.3024, 40.4212, 76.3266)
contains.

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Color

**XYZ(43.3076, 40.4788,
76.0516)**

Conversions

Conversions Part 1

Format	Color
Hex	AAA4E0
RGB	170, 164, 224
RGB Percent	67%, 64%, 88%
CMY	0.3333, 0.3568, 0.1216
CMYK	0.24, 0.27, 0.00, 0.12
HSL	246°, 49%, 76%
HSV	246°, 27%, 88%
XYZ	43.3076, 40.4788, 76.0516
YIQ	172.6340, -15.6840, 19.9320

Conversions

Conversions Part 2

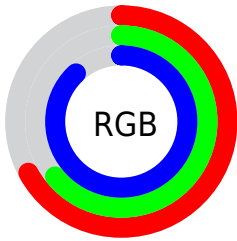
Format	Color
R _Y B	170, 164, 224
Decimal	11183328
CIE Lab	69.81, 14.88, -29.50
CIE LCh	70, 33.046, 296.767
Yxy	40.4788, 0.2709, 0.2532
Android (android.graphics.Color)	4289373408 (0xFFAAA4E0)
YUV	172.6340, 25.3234, -2.3100
Hunter-Lab	63.6230, 10.1633, -26.3361

Details

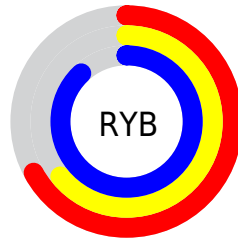
The XYZ color **43.3076, 40.4788, 76.0516** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **62.2710, 70.8979, 45.5263**, and the grayscale version is **39.4164, 41.4691, 45.1599**.

A 20% lighter version of the original color is **74.7455, 74.0518, 104.9617**, and **20.2917, 18.2348, 39.9863** is the 20% darker color. If you saturate the color by 10%, you get **35.6175, 31.0792, 74.6433**, and if you desaturate by 10%, it is **52.3747, 51.6382, 77.7284**.

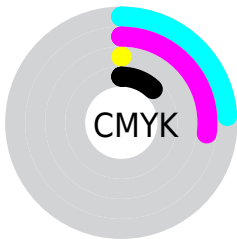
Distribution



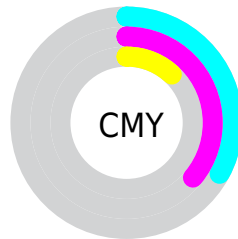
- Red (67%)
- Green (64%)
- Blue (88%)



- Red (67%)
- Yellow (64%)
- Blue (88%)



- Cyan (24%)
- Magenta (27%)
- Yellow (0%)
- Black (12%)



- Cyan (33%)
- Magenta (36%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3076, 40.4788, 76.0516 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 43.3076, 40.4788, 76.0516 by changing the saturation by 10% instead.

■ 43.3076, 40.4788,
76.0516

■ 43.3076, 40.4788,
76.0516

350.7754,
348.1375, 500.8759

■ 30.3221, 27.9121,
55.9679

■ 79.4277, 75.8921,
129.5606

■ 20.2325, 18.2594,
39.7734

■ 103.2929, 99.5074,
163.8230

■ 12.6734, 11.1364,
27.0494

131.5155,
127.5743, 203.6487

■ 7.2795, 6.1586,
17.3776

164.4607,
160.4773, 249.4563

■ 3.6854, 2.9418,
10.3393

202.4940,
198.6007, 301.6642

■ 1.5257, 1.1014,
5.5159

245.9806,

■ 0.3432, 0.0000,

242.3290, 360.6911

2.4891

295.2859,
292.0464, 426.9555

■ 0.0000, 0.0000,
0.8344

■ 0.0000, 0.0000,
0.0000

■ 43.3076, 40.4788,
76.0516

■ 43.3076, 40.4788,
76.0516

■ 35.6175, 31.0792,
74.6433

■ 52.3747, 51.6382,
77.7284

■ 29.2330, 23.3447,
73.4869

■ 62.8775, 64.6357,
79.6836

■ 24.0823, 17.1794,
72.5683

■ 74.8762, 79.5510,
81.9301

■ 20.0851, 12.4752,
71.8710

■ 88.4264, 96.4575,
84.4792

■ 17.1514, 9.1107,
71.3762

■ 90.4547, 98.1619,
84.7013

■ 15.1776, 6.9444,
71.0621

■ 14.0362, 5.7977,
70.9009

■ 13.7944, 5.5570,
70.8672

Harmonies

Analogous

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



37.8953, 40.4788, 80.6256



43.3076, 40.4788, 76.0516



47.7603, 40.4788, 62.3223

Triad

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



43.3076, 40.4788, 76.0516



44.4067, 40.4788, 23.6990



29.0691, 40.4788, 42.4300

Complementary

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



43.3076, 40.4788, 76.0516



62.2710, 70.8979, 45.5263

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.



30.4767, 40.4788, 29.7894



43.3076, 40.4788, 76.0516



39.0583, 40.4788, 20.6748

Square

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



43.3076, 40.4788, 76.0516



48.4351, 40.4788, 32.0667



34.0139, 40.4788, 22.6147



29.9816, 40.4788, 58.7584

Rectangle

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



43.3076, 40.4788, 76.0516



49.4107, 40.4788, 51.1865



34.0139, 40.4788, 22.6147



29.2832, 40.4788, 37.6539

Sweetspot

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



43.3089, 40.4804, 76.0525



82.4488, 84.3505, 106.5435



54.0971, 63.9384, 80.0118



17.1715, 17.4646, 22.7159



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.



43.3089, 40.4804, 76.0525



52.2579, 47.1523, 100.9548



50.2845, 44.0764, 76.3790



13.0786, 13.3085, 17.2672



8.0735, 3.2573, 41.2516



0.6035, 0.2484, 2.8614

Inverse Universe

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



56.6719, 47.4617, 72.5048



73.0243, 58.0063, 95.2143



54.3439, 66.8114, 45.1553



14.2329, 13.9108, 16.9964



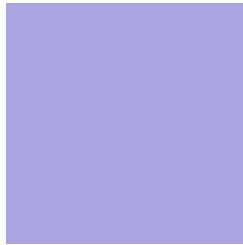
24.0955, 11.7052, 33.4981



1.6875, 0.8183, 2.4132

Previews

White Background



This preview shows how the XYZ color 43.3076, 40.4788, 76.0516 looks on a white background.

Color Contrast Check

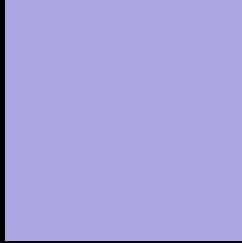
Large Text (above 18pt) WCAG AA × Fail

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 43.3076, 40.4788, 76.0516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

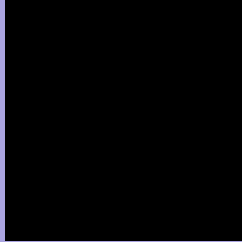
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3076, 40.4788, 76.0516

Background



This preview shows how black text looks on a background with the XYZ color 43.3076, 40.4788, 76.0516.



This preview shows how white text looks on a background with the XYZ color 43.3076, 40.4788,

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

43.3076, 40.4788, 76.0516

Protanopia

41.1942, 40.4213, 78.3040

Deuteranopia

41.6200, 40.7039, 75.4751



Tritanopia

38.4241, 40.4151, 51.6747

Trichromacy



Original Color

43.3076, 40.4788, 76.0516

Protanomaly

42.0434, 40.6020, 77.5726

Deuteranomaly

42.2423, 40.7517, 75.4515

Tritanomaly

40.0373, 40.2358, 59.6889

Monochromacy



Original Color

43.3076, 40.4788, 76.0516

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.9024, 41.3259, 55.6901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3076, 40.4788, 76.0516 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(170, 164, 224)` looks like.

```
.text, #text, p{  
    color:rgb(170, 164, 224)  
}
```

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(170, 164, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 164, 224) }
```

Border

The CSS property to change the border of an element to XYZ 43.3076, 40.4788, 76.0516 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(170, 164, 224) }
```


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

```
.border{ border-color:rgb(170, 164, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 164, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 164, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 164, 224);  
box-shadow:4px 4px 4px 4px rgb(170, 164,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3076, 40.4788, 76.0516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 164, 224) }
```

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

```
.background{ background-color: rgb(170,  
164, 224) }
```

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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