

Converting Colors

XYZ(45.5211, 40.0430, 99.9376)

Have a look what the booklet for
XYZ(45.5211, 40.0430, 99.9376)
contains.

XYZ(45.5211, 40.0430, 99.9376)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(45.5211, 40.0430,
99.9376)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A0FF
RGB	162, 160, 255
RGB Percent	64%, 63%, 100%
CMY	0.3647, 0.3725, 0.0000
CMYK	0.36, 0.37, 0.00, 0.00
HSL	241°, 100%, 81%
HSV	241°, 37%, 100%
XYZ	45.5211, 40.0430, 99.9376
YIQ	171.4280, -29.3030, 29.9690

Conversions

Conversions Part 2

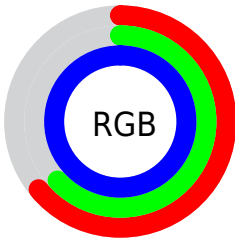
Format	Color
RYB	162, 160, 255
Decimal	10658047
CIELab	69.50, 22.66, -46.95
CIElCh	70, 52.134, 295.764
Yxy	40.0430, 0.2454, 0.2159
Android (android.graphics.Color)	4288848127 (0xFFA2A0FF)
YUV	171.4280, 41.2010, -8.2684
Hunter-Lab	63.2795, 17.6675, -49.3412

Details

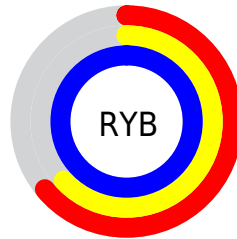
The XYZ color **45.5211, 40.0430, 99.9376** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **82.6130, 94.9406, 47.2302**, and the grayscale version is **38.7348, 40.7520, 44.3789**.

A 20% lighter version of the original color is **71.5639, 70.8809, 104.5173**, and **21.6055, 18.0787, 55.7769** is the 20% darker color. If you saturate the color by 10%, you get **36.9681, 29.7314, 98.3980**, and if you desaturate by 10%, it is **55.9898, 52.6893, 101.8268**.

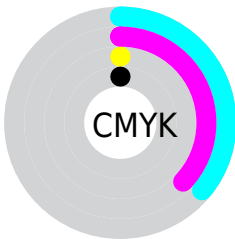
Distribution



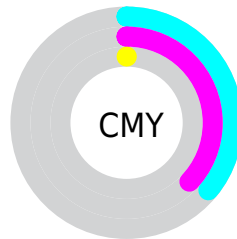
- Red (64%)
- Green (63%)
- Blue (100%)



- Red (64%)
- Yellow (63%)
- Blue (100%)



- Cyan (36%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.5211, 40.0430, 99.9376 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 45.5211, 40.0430, 99.9376 by changing the saturation by 10% instead.

45.5211, 40.0430,
99.9376

45.5211, 40.0430,
99.9376

359.6282,
346.3048, 581.2376

32.0711, 27.5721,
75.6318

82.7341, 75.2290,
163.1226

21.5716, 18.0033,
55.6258

107.2278, 98.7128,
202.8388

13.6573, 10.9524,
39.5010

136.1334,
126.6365, 248.5290

7.9628, 6.0348,
26.8389

169.8164,
159.3842, 300.6116

4.1228, 2.8663,
17.2209

208.6420,
197.3405, 359.5053

1.7718, 1.0623,
10.2285

252.9756,

0.5006, 0.0000,

240.8898, 425.6285

5.4431

303.1825,
290.4164, 499.3997

■ 0.0000, 0.0000,
2.4463

■ 0.0000, 0.0000,
0.8115

■ 45.5211, 40.0430,
99.9376

■ 45.5211, 40.0430,
99.9376

■ 36.9681, 29.7314,
98.3980

■ 55.9898, 52.6893,
101.8268

■ 30.2110, 21.6078,
97.1862

■ 68.4761, 67.7966,
104.0847

■ 25.1232, 15.5156,
96.2784

■ 83.0797, 85.4870,
106.7296

■ 21.5594, 11.2755,
95.6478

95.0500, 100.0000,
108.9000

■ 19.3499, 8.6772,
95.2627

■ 18.2808, 7.4518,
95.0826

■ 18.1172, 7.2547,
95.0531

Harmonies

Analogous

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



36.8791, 40.0430, 107.9157



45.5211, 40.0430, 99.9376



53.0358, 40.0430, 75.1467

Triad

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



45.5211, 40.0430, 99.9376



47.8893, 40.0430, 15.4485



24.1172, 40.0430, 40.2718

Complementary

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



45.5211, 40.0430, 99.9376



82.6130, 94.9406, 47.2302

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.



26.2070, 40.0430, 22.4097



45.5211, 40.0430, 99.9376



39.2652, 40.0430, 11.8254

Square

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



45.5211, 40.0430, 99.9376



54.5381, 40.0430, 26.4254



31.4617, 40.0430, 13.8001



25.2877, 40.0430, 66.9566

Rectangle

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



45.5211, 40.0430, 99.9376



55.9607, 40.0430, 55.9935



31.4617, 40.0430, 13.8001



24.4521, 40.0430, 33.1851

Sweetspot

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



45.5224, 40.0444, 99.9378



77.3548, 78.5498, 105.6923



67.8048, 85.2078, 107.4808



16.1298, 16.2952, 22.5451



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.



45.5224, 40.0444, 99.9378



38.7348, 31.8593, 98.7157



56.9398, 45.9303, 100.4721



17.0384, 17.3960, 22.7097



9.4819, 3.7986, 49.6680



0.9351, 0.3760, 4.8366

Inverse Universe

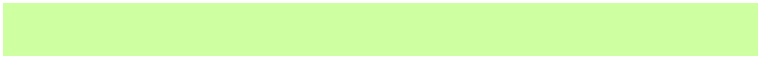
The Inverse Universe completely reimagines the original color for something new.



71.5407, 53.4944, 99.4824



68.3179, 47.1546, 98.0814



67.5363, 87.1683, 46.5247



18.7752, 18.2934, 22.6993



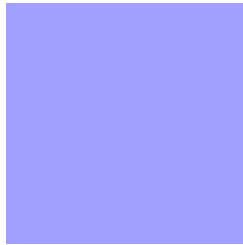
30.5421, 14.7061, 48.3668



2.9788, 1.4339, 4.7360

Previews

White Background



This preview shows how the XYZ color 45.5211, 40.0430, 99.9376 looks on a white background.

Color Contrast Check

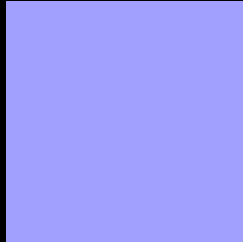
Large Text (above 18pt) WCAG AA × Fail

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 45.5211, 40.0430, 99.9376 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 45.5211, 40.0430, 99.9376

Background



This preview shows how black text looks on a background with the XYZ color 45.5211, 40.0430, 99.9376.



This preview shows how white text looks on a background with the XYZ color 45.5211, 40.0430,

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

45.5211, 40.0430, 99.9376

Protanopia

42.5162, 40.3464, 100.1545

Deuteranopia

41.4333, 40.3733, 98.5376



Tritanopia

36.2458, 40.1060, 53.4078

Trichromacy



Original Color

45.5211, 40.0430, 99.9376

Protanomaly

43.3581, 39.9740, 100.0383

Deuteranomaly

42.8533, 40.2678, 99.2798

Tritanomaly

39.0205, 39.8048, 67.9138

Monochromacy



Original Color

45.5211, 40.0430, 99.9376

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.6278, 40.2265, 61.5003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5211, 40.0430, 99.9376 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, 160, 255)` looks like.

```
.text, #text, p{  
    color:rgb(162, 160, 255)  
}
```

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, 160, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 160, 255) }
```

Border

The CSS property to change the border of an element to XYZ 45.5211, 40.0430, 99.9376 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, 160, 255) }
```


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

```
.border{ border-color:rgb(162, 160, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 160, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 160, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 160, 255);  
box-shadow:4px 4px 4px 4px rgb(162, 160,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5211, 40.0430, 99.9376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 160, 255) }
```

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

```
.background{ background-color: rgb(162,  
160, 255) }
```

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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