

Converting Colors

XYZ(55.3336, 44.3672,
152.0029)

Have a look what the booklet for
XYZ(55.3336, 44.3672, 152.0029)
contains.

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Color

**XYZ(45.4675, 40.5342,
100.0352)**

Conversions

Conversions Part 1

Format	Color
Hex	A0A2FF
RGB	160, 162, 255
RGB Percent	63%, 64%, 100%
CMY	0.3725, 0.3647, 0.0000
CMYK	0.37, 0.36, 0.00, 0.00
HSL	239°, 100%, 81%
HSV	239°, 37%, 100%
XYZ	45.4675, 40.5342, 100.0352
YIQ	172.0040, -31.0450, 28.4990

Conversions

Conversions Part 2

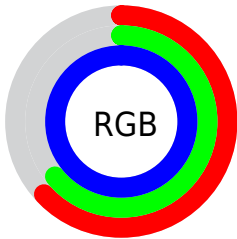
Format	Color
RYB	160, 162, 255
Decimal	10527487
CIELab	69.85, 21.01, -46.41
CIElCh	70, 50.947, 294.351
Yxy	40.5342, 0.2444, 0.2179
Android (android.graphics.Color)	4288717567 (0xFFA0A2FF)
YUV	172.0040, 40.9170, -10.5275
Hunter-Lab	63.6665, 16.0597, -48.5922

Details

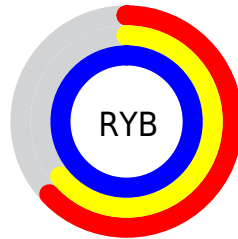
The XYZ color **45.4675, 40.5342, 100.0352** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **82.7112, 94.0496, 47.0536**, and the grayscale version is **39.0267, 41.0591, 44.7134**.

A 20% lighter version of the original color is **71.4781, 71.5974, 104.6601**, and **21.5864, 18.3892, 55.8378** is the 20% darker color. If you saturate the color by 10%, you get **36.9133, 30.2324, 98.4976**, and if you desaturate by 10%, it is **55.9426, 53.1234, 101.9131**.

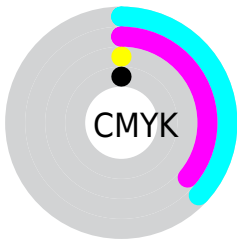
Distribution



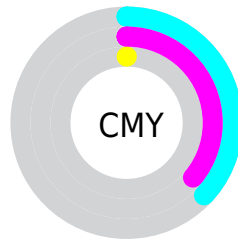
- Red (63%)
- Green (64%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.4675, 40.5342, 100.0352 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 45.4675, 40.5342, 100.0352 by changing the saturation by 10% instead.

■ 45.4675, 40.5342,
100.0352

■ 45.4675, 40.5342,
100.0352

359.4156,
348.3700, 581.5532

■ 32.0287, 27.9553,
75.7129

■ 82.6543, 75.9763,
163.2579

■ 21.5390, 18.2920,
55.6919

■ 107.1329, 99.6083,
202.9953

■ 13.6333, 11.1598,
39.5536

136.0222,
127.6934, 248.7081

■ 7.9461, 6.1744,
26.8795

169.6874,
160.6161, 300.8150

■ 4.1120, 2.9514,
17.2511

208.4940,
198.7607, 359.7344

■ 1.7657, 1.1064,
10.2498

252.8074,

■ 0.4969, 0.0000,

242.5116, 425.8849

5.4572

302.9928,
292.2533, 499.6849

■ 0.0000, 0.0000,
2.4545

■ 0.0000, 0.0000,
0.8159

■ 45.4675, 40.5342,
100.0352

■ 45.4675, 40.5342,
100.0352

■ 36.9133, 30.2324,
98.4976

■ 55.9426, 53.1234,
101.9131

■ 30.1597, 22.0765,
97.2794

■ 68.4411, 68.1214,
104.1492

■ 25.0792, 15.9166,
96.3581

■ 83.0630, 85.6459,
106.7612

■ 21.5259, 11.5811,
95.7086

95.0500, 100.0000,
108.9000

■ 19.3288, 8.8699,
95.3011

■ 18.2719, 7.5336,
95.0988

■ 18.1082, 7.3365,
95.0694

Harmonies

Analogous

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



36.9813, 40.5342, 106.7961



45.4675, 40.5342, 100.0352



52.9583, 40.5342, 76.3809

Triad

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



45.4675, 40.5342, 100.0352



48.5651, 40.5342, 16.4938



24.7613, 40.5342, 39.7992

Complementary

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



45.4675, 40.5342, 100.0352



82.7112, 94.0496, 47.0536

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.



26.9882, 40.5342, 22.5456



45.4675, 40.5342, 100.0352



40.1142, 40.5342, 12.5431

Square

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



45.4675, 40.5342, 100.0352



54.9185, 40.5342, 27.8842



32.3306, 40.5342, 14.2741



25.7715, 40.5342, 65.7194

Rectangle

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



45.4675, 40.5342, 100.0352



55.9711, 40.5342, 57.6048



32.3306, 40.5342, 14.2741



25.1450, 40.5342, 32.9477

Sweetspot

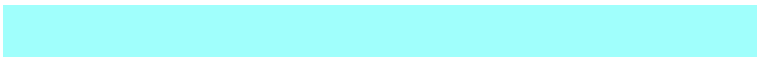
The Sweet Spot groups the original color and five complimentary colors.



45.4689, 40.5357, 100.0354



77.3298, 78.7769, 105.7375



67.8023, 86.0117, 104.9855



16.1239, 16.3487, 22.5557



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.



45.4689, 40.5357, 100.0354



38.6795, 32.3615, 98.8155



55.6154, 45.2479, 100.4102



17.0337, 17.4389, 22.7182



9.4752, 3.8600, 49.6802



0.9329, 0.3964, 4.8406

Inverse Universe

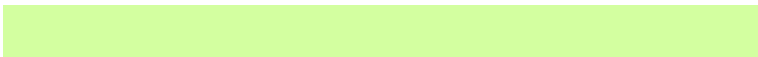
The Inverse Universe completely reimagines the original color for something new.



60.3334, 49.0118, 40.4640



55.5872, 42.0623, 31.0425



68.8746, 87.8582, 46.5878



18.0249, 17.9933, 18.7482



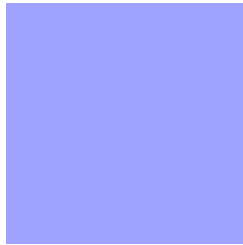
21.5708, 11.1176, 1.1246



2.1055, 1.0846, 0.1369

Previews

White Background



This preview shows how the XYZ color 45.4675, 40.5342, 100.0352 looks on a white background.

Color Contrast Check

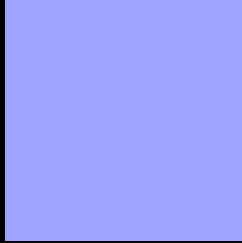
Large Text (above 18pt) WCAG AA × Fail

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 45.4675, 40.5342, 100.0352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

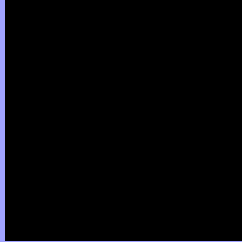
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.4675, 40.5342, 100.0352

Background



This preview shows how black text looks on a background with the XYZ color 45.4675, 40.5342, 100.0352.



This preview shows how white text looks on a background with the XYZ color 45.4675, 40.5342,

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

45.4675, 40.5342, 100.0352

Protanopia

42.8678, 40.8007, 100.2237

Deuteranopia

41.7491, 40.5361, 98.5523



Tritanopia

36.1923, 40.3538, 54.0256

Trichromacy



Original Color

45.4675, 40.5342, 100.0352

Protanomaly

43.7188, 40.6955, 100.1585

Deuteranomaly

42.8533, 40.2678, 99.2798

Tritanomaly

38.9626, 40.0376, 68.6253

Monochromacy



Original Color

45.4675, 40.5342, 100.0352

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.8118, 40.5944, 61.5616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4675, 40.5342, 100.0352 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(160, 162, 255)` looks like.

```
.text, #text, p{  
    color:rgb(160, 162, 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(160, 162, 255) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 45.4675, 40.5342, 100.0352 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(160, 162, 255) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 45.4675, 40.5342, 100.0352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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