

Converting Colors

XYZ(41.9399, 36.1281, 98.5304)

Have a look what the booklet for
XYZ(41.9399, 36.1281, 98.5304)
contains.

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Color

**XYZ(42.0665, 36.2876,
98.5530)**

Conversions

Conversions Part 1

Format	Color
Hex	9898FE
RGB	152, 152, 254
RGB Percent	60%, 60%, 100%
CMY	0.4039, 0.4039, 0.0039
CMYK	0.40, 0.40, 0.00, 0.00
HSL	240°, 98%, 80%
HSV	240°, 40%, 100%
XYZ	42.0665, 36.2876, 98.5530
YIQ	163.6280, -32.7420, 31.7220

Conversions

Conversions Part 2

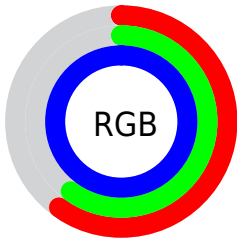
Format	Color
RYB	152, 152, 254
Decimal	10000638
CIELab	66.74, 24.40, -50.81
CIELCh	67, 56.367, 295.656
Yxy	36.2876, 0.2378, 0.2051
Android (android.graphics.Color)	4288190718 (0xFF9898FE)
YUV	163.6280, 44.5534, -10.1978
Hunter-Lab	60.2392, 19.2323, -54.8327

Details

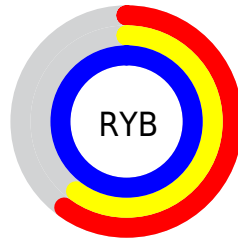
The XYZ color **42.0665, 36.2876, 98.5530** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **81.9824, 94.2219, 43.5725**, and the grayscale version is **34.9176, 36.7360, 40.0055**.

A 20% lighter version of the original color is **66.6996, 65.0643, 103.6509**, and **19.4510, 15.7715, 54.8423** is the 20% darker color. If you saturate the color by 10%, you get **34.1213, 26.7138, 97.1245**, and if you desaturate by 10%, it is **51.9149, 48.1540, 100.3251**.

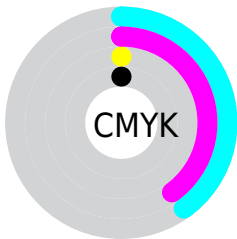
Distribution



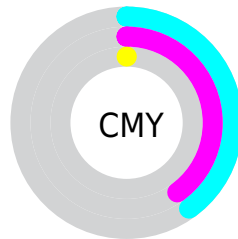
- Red (60%)
- Green (60%)
- Blue (100%)



- Red (60%)
- Yellow (60%)
- Blue (100%)



- Cyan (40%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0665, 36.2876, 98.5530 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 42.0665, 36.2876, 98.5530 by changing the saturation by 10% instead.

■ 42.0665, 36.2876,
98.5530

■ 42.0665, 36.2876,
98.5530

345.7455,
330.2158, 576.7504

■ 29.3447, 24.6564,
74.4825

■ 77.5648, 69.4757,
161.2017

■ 19.4873, 15.8212,
54.6899

■ 101.0720, 91.8015,
200.6171

■ 12.1290, 9.3978,
38.7566

128.9051,
118.4608, 245.9844

■ 6.9044, 5.0015,
26.2640

161.4293,
149.8382, 297.7223

■ 3.4482, 2.2482,
16.7937

199.0101,
186.3180, 356.2493

■ 1.3950, 0.7461,
9.9271

242.0129,

■ 0.2526, 0.0000,

228.2846, 421.9840

5.2457

290.8028,
276.1224, 495.3449

■ 0.0000, 0.0000,
2.3309

■ 0.0000, 0.0000,
0.7484

■ 42.0665, 36.2876,
98.5530

■ 42.0665, 36.2876,
98.5530

■ 34.1213, 26.7138,
97.1245

■ 51.9149, 48.1540,
100.3251

■ 27.9527, 19.2811,
96.0150

■ 63.7740, 62.4435,
102.4582

■ 23.4254, 13.8260,
95.2007

■ 77.7482, 79.2815,
104.9717

■ 20.3829, 10.1600,
94.6534

■ 93.9333, 98.7836,
107.8830

■ 18.6383, 8.0579,
94.3396

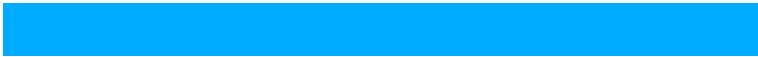
94.8895, 99.9358,
108.0550

■ 17.8896, 7.1558,
94.2050

Harmonies

Analogous

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



33.2662, 36.2876, 107.0302



42.0665, 36.2876, 98.5530



49.8319, 36.2876, 72.2627

Triad

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



42.0665, 36.2876, 98.5530



44.5638, 36.2876, 12.0842



20.6183, 36.2876, 36.0683

Complementary

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



42.0665, 36.2876, 98.5530



81.9824, 94.2219, 43.5725

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.



22.6729, 36.2876, 18.5401



42.0665, 36.2876, 98.5530



35.7440, 36.2876, 8.7930

Square

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



42.0665, 36.2876, 98.5530



51.4320, 36.2876, 22.5040



27.8831, 36.2876, 10.5442



21.7491, 36.2876, 63.4565

Rectangle

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



42.0665, 36.2876, 98.5530



52.8844, 36.2876, 52.2878



27.8831, 36.2876, 10.5442



20.9485, 36.2876, 29.0062

Sweetspot

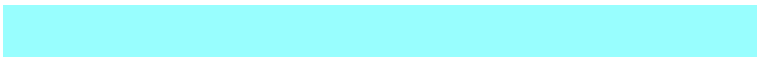
The Sweet Spot groups the original color and five complimentary colors.



42.0679, 36.2889, 98.5539



75.6781, 76.6580, 105.4155



66.2810, 84.7156, 106.6250



15.7887, 15.9145, 22.4896



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.



42.0679, 36.2889, 98.5539



35.9931, 28.8400, 98.2774



53.7472, 42.3098, 99.1005



17.0031, 17.3778, 22.7080



9.4316, 3.7726, 49.6657



0.9183, 0.3673, 4.8358

Inverse Universe

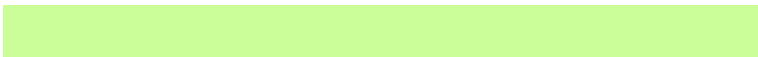
The Inverse Universe completely reimagines the original color for something new.



69.9912, 50.6840, 99.8591



67.6225, 45.1456, 99.7557



65.7388, 85.8480, 42.8123



18.7927, 18.3004, 22.7917



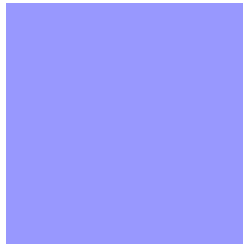
30.9799, 14.8813, 50.6720



3.0164, 1.4489, 4.9338

Previews

White Background



This preview shows how the XYZ color 42.0665, 36.2876, 98.5530 looks on a white background.

Color Contrast Check

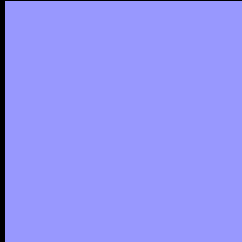
Large Text (above 18pt) WCAG AA × Fail

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 42.0665, 36.2876, 98.5530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

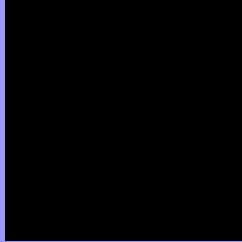
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0665, 36.2876, 98.5530

Background



This preview shows how black text looks on a background with the XYZ color 42.0665, 36.2876, 98.5530.



This preview shows how white text looks on a background with the XYZ color 42.0665, 36.2876,

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

42.0665, 36.2876, 98.5530

Protanopia

39.0523, 36.4519, 99.5854

Deuteranopia

37.5612, 36.5138, 97.1636



Tritanopia

32.1746, 36.4098, 49.0481

Trichromacy



Original Color

42.0665, 36.2876, 98.5530

Protanomaly

39.9301, 36.1478, 99.4804

Deuteranomaly

38.8586, 36.1348, 97.8551

Tritanomaly

35.2900, 36.0574, 64.7743

Monochromacy



Original Color

42.0665, 36.2876, 98.5530

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

37.1461, 36.6464, 57.9390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0665, 36.2876, 98.5530 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(152, 152, 254)` looks like.

```
.text, #text, p{  
    color:rgb(152, 152, 254)  
}
```

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(152, 152, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 152, 254) }
```

Border

The CSS property to change the border of an element to XYZ 42.0665, 36.2876, 98.5530 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(152, 152, 254) }
```


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

```
.border{ border-color:rgb(152, 152, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 152, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 152, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 152, 254);  
box-shadow:4px 4px 4px 4px rgb(152, 152,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0665, 36.2876, 98.5530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 152, 254) }
```

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

```
.background{ background-color: rgb(152,  
152, 254) }
```

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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