

Converting Colors

XYZ(40.4385, 34.7127, 90.4550)

Have a look what the booklet for
XYZ(40.4385, 34.7127, 90.4550)
contains.

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Color

**XYZ(40.4366, 34.6800,
90.1506)**

Conversions

Conversions Part 1

Format	Color
Hex	9B94F4
RGB	155, 148, 244
RGB Percent	61%, 58%, 96%
CMY	0.3921, 0.4196, 0.0431
CMYK	0.36, 0.39, 0.00, 0.04
HSL	244°, 81%, 77%
HSV	244°, 39%, 96%
XYZ	40.4366, 34.6800, 90.1506
YIQ	161.0370, -26.6440, 31.3400

Conversions

Conversions Part 2

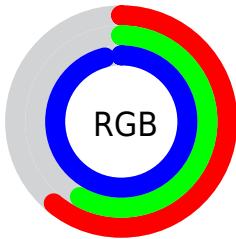
Format	Color
R _Y B	155, 148, 244
Decimal	10196212
CIE Lab	65.50, 24.76, -47.29
CIE LCh	65, 53.379, 297.642
Yxy	34.6800, 0.2447, 0.2098
Android (android.graphics.Color)	4288386292 (0xFF9B94F4)
YUV	161.0370, 40.9008, -5.2944
Hunter-Lab	58.8897, 19.5099, -49.5405

Details

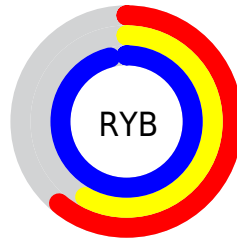
The XYZ color **40.4366, 34.6800, 90.1506** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **72.6213, 84.8445, 40.5671**, and the grayscale version is **33.7194, 35.4755, 38.6328**.

A 20% lighter version of the original color is **66.3219, 63.4581, 103.3608**, and **18.4999, 14.8466, 48.9043** is the 20% darker color. If you saturate the color by 10%, you get **33.0630, 25.7841, 88.8228**, and if you desaturate by 10%, it is **49.4326, 45.6109, 91.7870**.

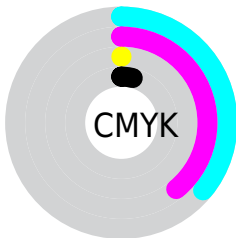
Distribution



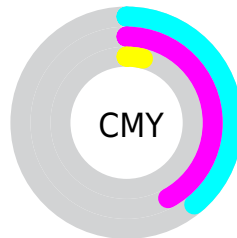
- Red (61%)
- Green (58%)
- Blue (96%)



- Red (61%)
- Yellow (58%)
- Blue (96%)



- Cyan (36%)
- Magenta (39%)
- Yellow (0%)
- Black (4%)



- Cyan (39%)
- Magenta (42%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4366, 34.6800, 90.1506 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 40.4366, 34.6800, 90.1506 by changing the saturation by 10% instead.

■ 40.4366, 34.6800,
90.1506

■ 40.4366, 34.6800,
90.1506

339.0633,
323.1536, 549.1034

■ 28.0648, 23.4165,
67.5311

■ 75.1080, 66.9897,
149.4849

■ 18.5152, 14.9013,
49.0521

■ 98.1384, 88.8047,
187.0368

■ 11.4225, 8.7502,
34.2949

125.4523,
114.9057, 230.4034

■ 6.4211, 4.5786,
22.8411

157.4152,
145.6770, 280.0030

■ 3.1459, 2.0022,
14.2720

194.3924,
181.5031, 336.2542

■ 1.2314, 0.6087,
8.1692

236.7493,

■ 0.1309, 0.0000,

222.7683, 399.5757

4.1141

284.8511,
269.8570, 470.3859

■ 0.0000, 0.0000,
1.6881

■ 0.0000, 0.0000,
0.3526

■ 40.4366, 34.6800,
90.1506

■ 40.4366, 34.6800,
90.1506

■ 33.0630, 25.7841,
88.8228

■ 49.4326, 45.6109,
91.7870

■ 27.2112, 18.7936,
87.7819

■ 60.1357, 58.6878,
93.7470

■ 22.7757, 13.5702,
87.0075

■ 72.6293, 74.0184,
96.0476

■ 19.6356, 9.9550,
86.4752

■ 86.9904, 91.7020,
98.7039

■ 17.6495, 7.7608,
86.1563

■ 93.3293, 99.3117,
99.8387

■ 16.6207, 6.7078,
86.0073

■ 16.5749, 6.6583,
86.0002

Harmonies

Analogous

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



32.3479, 34.6800, 99.1427



40.4366, 34.6800, 90.1506



47.3541, 34.6800, 65.7927

Triad

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



40.4366, 34.6800, 90.1506



41.6762, 34.6800, 11.8264



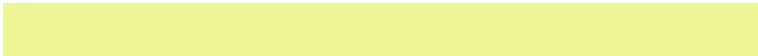
20.1129, 34.6800, 36.0176

Complementary

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



40.4366, 34.6800, 90.1506



72.6213, 84.8445, 40.5671

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.



21.8290, 34.6800, 19.0941



40.4366, 34.6800, 90.1506



33.5844, 34.6800, 9.0186

Square

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



40.4366, 34.6800, 90.1506



48.1456, 34.6800, 21.1074



26.4709, 34.6800, 11.0285



21.3626, 34.6800, 61.4514

Rectangle

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



40.4366, 34.6800, 90.1506



49.9267, 34.6800, 47.7398



26.4709, 34.6800, 11.0285



20.3552, 34.6800, 29.2791

Sweetspot

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



40.4379, 34.6813, 90.1514



76.3758, 77.0176, 105.4482



59.0009, 73.7448, 96.7131



15.9512, 15.9982, 22.4972



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.



40.4379, 34.6813, 90.1514



38.2175, 30.5093, 98.4823



51.3855, 40.3250, 90.6638



15.6931, 15.9844, 20.8008



9.0535, 3.6416, 46.7637



0.8339, 0.3397, 4.1119

Inverse Universe

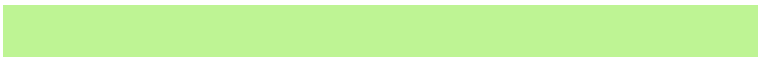
The Inverse Universe completely reimagines the original color for something new.



63.1848, 46.5283, 85.7710



66.5993, 45.2996, 92.6309



58.8323, 77.7360, 39.9218



17.1584, 16.7462, 20.5807



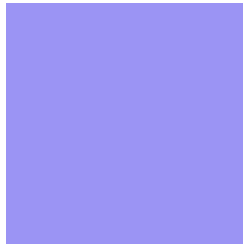
27.7878, 13.4586, 40.4524



2.4576, 1.1890, 3.6360

Previews

White Background



This preview shows how the XYZ color 40.4366, 34.6800, 90.1506 looks on a white background.

Color Contrast Check

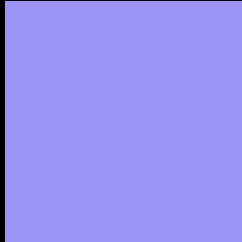
Large Text (above 18pt) WCAG AA × Fail

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 40.4366, 34.6800, 90.1506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

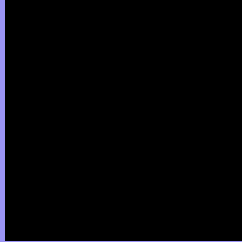
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4366, 34.6800, 90.1506

Background



This preview shows how black text looks on a background with the XYZ color 40.4366, 34.6800, 90.1506.



This preview shows how white text looks on a background with the XYZ color 40.4366, 34.6800,

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

40.4366, 34.6800, 90.1506

Protanopia

37.4694, 34.9529, 96.0385

Deuteranopia

35.8616, 34.7865, 88.8287



Tritanopia

31.4825, 34.7785, 45.6111

Trichromacy



Original Color

40.4366, 34.6800, 90.1506

Protanomaly

38.3262, 34.7107, 93.4868

Deuteranomaly

37.2490, 34.4878, 89.4876

Tritanomaly

34.3292, 34.6436, 59.5211

Monochromacy



Original Color

40.4366, 34.6800, 90.1506

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.5905, 34.9095, 54.1526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4366, 34.6800, 90.1506 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(155, 148, 244)` looks like.

```
.text, #text, p{  
    color:rgb(155, 148, 244)  
}
```

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(155, 148, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 148, 244) }
```

Border

The CSS property to change the border of an element to XYZ 40.4366, 34.6800, 90.1506 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(155, 148, 244) }
```


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

```
.border{ border-color:rgb(155, 148, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 148, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 148, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 148, 244);  
box-shadow:4px 4px 4px 4px rgb(155, 148,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4366, 34.6800, 90.1506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 148, 244) }
```

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

```
.background{ background-color: rgb(155,  
148, 244) }
```

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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