

Converting Colors

XYZ(41.2647, 34.9471, 99.1783)

Have a look what the booklet for
XYZ(41.2647, 34.9471, 99.1783)
contains.

XYZ(41.2176, 34.8838, 99.1686)	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(41.2176, 34.8838,
99.1686)**

Conversions

Conversions Part 1

Format	Color
Hex	9694FF
RGB	150, 148, 255
RGB Percent	59%, 58%, 100%
CMY	0.4117, 0.4196, 0.0000
CMYK	0.41, 0.42, 0.00, 0.00
HSL	241°, 100%, 79%
HSV	241°, 42%, 100%
XYZ	41.2176, 34.8838, 99.1686
YIQ	160.7960, -33.1550, 33.7010

Conversions

Conversions Part 2

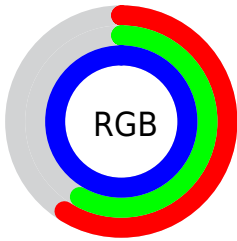
Format	Color
R_{YB}	150, 148, 255
Decimal	9868543
CIE _{Lab}	65.66, 26.48, -53.08
CIE _{LCh}	66, 59.317, 296.518
Yxy	34.8838, 0.2352, 0.1990
Android (android.graphics.Color)	4288058623 (0xFF9694FF)
YUV	160.7960, 46.4426, -9.4681
Hunter-Lab	59.0625, 21.2093, -58.2068

Details

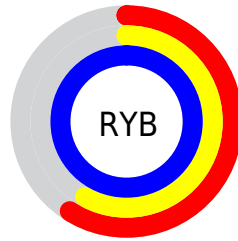
The XYZ color **41.2176, 34.8838, 99.1686** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **81.6125, 94.5403, 41.9646**, and the grayscale version is **33.5852, 35.3343, 38.4790**.

A 20% lighter version of the original color is **65.1830, 62.8710, 103.3075**, and **18.9819, 14.9538, 55.3120** is the 20% darker color. If you saturate the color by 10%, you get **33.5262, 25.6214, 97.7861**, and if you desaturate by 10%, it is **50.7754, 46.4173, 100.8910**.

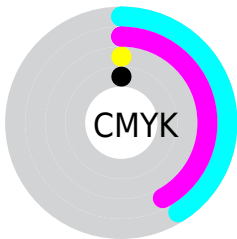
Distribution



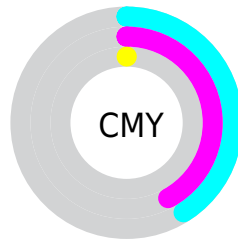
- Red (59%)
- Green (58%)
- Blue (100%)



- Red (59%)
- Yellow (58%)
- Blue (100%)



- Cyan (41%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2176, 34.8838, 99.1686 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 41.2176, 34.8838, 99.1686 by changing the saturation by 10% instead.

■ 41.2176, 34.8838,
99.1686

■ 41.2176, 34.8838,
99.1686

342.2763,
324.0551, 578.7477

■ 28.6776, 23.5734,
74.9934

■ 76.2867, 67.3057,
162.0561

■ 18.9801, 15.0175,
55.1058

■ 99.5465, 89.1860,
201.6054

■ 11.7598, 8.8316,
39.0872

127.1103,
115.3584, 247.1165

■ 6.6514, 4.6315,
26.5192

159.3434,
146.2072, 299.0080

■ 3.2894, 2.0327,
16.9833

196.6113,
182.1169, 357.6983

■ 1.3086, 0.6264,
10.0607

239.2791,

■ 0.1896, 0.0000,

223.4719, 423.6060

5.3331

287.7123,
270.6565, 497.1496

■ 0.0000, 0.0000,
2.3819

■ 0.0000, 0.0000,
0.7765

■ 41.2176, 34.8838,
99.1686

■ 41.2176, 34.8838,
99.1686

■ 33.5262, 25.6214,
97.7861

■ 50.7754, 46.4173,
100.8910

■ 27.5759, 18.4768,
96.7207

■ 62.3068, 60.3542,
102.9733

■ 23.2320, 13.2839,
95.9473

■ 75.9149, 76.8210,
105.4345

■ 20.3382, 9.8501,
95.4371

■ 91.6950, 95.9343,
108.2921

■ 18.7073, 7.9435,
95.1550

95.0500, 100.0000,
108.9000

■ 18.1097, 7.2508,
95.0528

Harmonies

Analogous

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



32.1484, 34.8838, 108.8780



41.2176, 34.8838, 99.1686



49.1946, 34.8838, 71.0996

Triad

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



41.2176, 34.8838, 99.1686



43.2900, 34.8838, 10.3637



19.0808, 34.8838, 35.1409

Complementary

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



41.2176, 34.8838, 99.1686



81.6125, 94.5403, 41.9646

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.



21.0479, 34.8838, 17.1769



41.2176, 34.8838, 99.1686



34.1845, 34.8838, 7.3903

Square

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



41.2176, 34.8838, 99.1686



50.5308, 34.8838, 20.3272



26.2207, 34.8838, 9.1849



20.3048, 34.8838, 63.7019

Rectangle

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



41.2176, 34.8838, 99.1686



52.2743, 34.8838, 50.3102



26.2207, 34.8838, 9.1849



19.3805, 34.8838, 27.8536

Sweetspot

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



41.2188, 34.8850, 99.1688



74.4000, 74.9869, 105.1604



65.4569, 83.9036, 107.3528



15.2531, 15.2374, 22.3871



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.



41.2188, 34.8850, 99.1688



34.8926, 27.2651, 98.0314



53.3464, 41.1370, 99.7363



17.0344, 17.3940, 22.7095



9.4763, 3.7957, 49.6678



0.9332, 0.3750, 4.8365

Inverse Universe

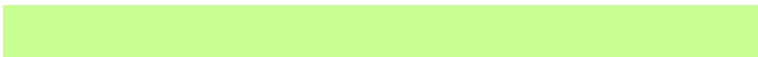
The Inverse Universe completely reimagines the original color for something new.



69.5594, 49.5322, 98.8207



66.5622, 43.6355, 97.5204



64.8496, 85.8987, 41.1801



18.7771, 18.2942, 22.7096



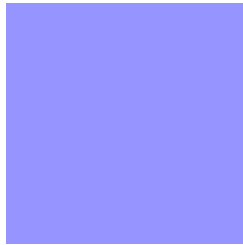
30.5904, 14.7254, 48.6209



2.9830, 1.4356, 4.7578

Previews

White Background



This preview shows how the XYZ color 41.2176, 34.8838, 99.1686 looks on a white background.

Color Contrast Check

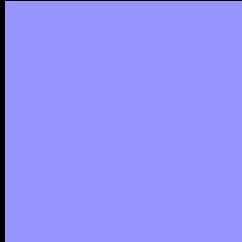
Large Text (above 18pt) WCAG AA × Fail

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 41.2176, 34.8838, 99.1686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

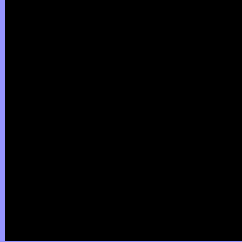
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2176, 34.8838, 99.1686

Background



This preview shows how black text looks on a background with the XYZ color 41.2176, 34.8838, 99.1686.



This preview shows how white text looks on a background with the XYZ color 41.2176, 34.8838,

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

41.2176, 34.8838, 99.1686

Protanopia

37.8236, 35.0619, 99.3818

Deuteranopia

36.0322, 34.9503, 96.9424



Tritanopia

30.8511, 34.9499, 47.2395

Trichromacy



Original Color

41.2176, 34.8838, 99.1686

Protanomaly

38.9570, 34.9080, 99.2924

Deuteranomaly

37.6193, 34.7455, 97.6523

Tritanomaly

34.0199, 34.6558, 63.2887

Monochromacy



Original Color

41.2176, 34.8838, 99.1686

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.6434, 34.8852, 56.4847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2176, 34.8838, 99.1686 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(150, 148, 255)` looks like.

```
.text, #text, p{  
    color:rgb(150, 148, 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(150, 148, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 148, 255) }
```

Border

The CSS property to change the border of an element to XYZ 41.2176, 34.8838, 99.1686 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(150, 148, 255) }
```


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

```
.border{ border-color:rgb(150, 148, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 148, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 148, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 148, 255);  
box-shadow:4px 4px 4px 4px rgb(150, 148,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2176, 34.8838, 99.1686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 148, 255) }
```

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

```
.background{ background-color: rgb(150,  
148, 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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