

Converting Colors

XYZ(35.5231, 31.5646, 74.9423)

Have a look what the booklet for
XYZ(35.5231, 31.5646, 74.9423)
contains.

XYZ(35.4604, 31.5314, 74.7382)	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(35.4604, 31.5314,
74.7382)**

Conversions

Conversions Part 1

Format	Color
Hex	9390E0
RGB	147, 144, 224
RGB Percent	58%, 56%, 88%
CMY	0.4235, 0.4353, 0.1216
CMYK	0.34, 0.36, 0.00, 0.12
HSL	242°, 56%, 72%
HSV	242°, 36%, 88%
XYZ	35.4604, 31.5314, 74.7382
YIQ	154.0170, -23.8920, 25.5160

Conversions

Conversions Part 2

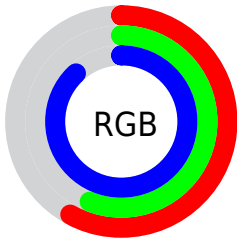
Format	Color
R_{YB}	147, 144, 224
Decimal	9670880
CIE _{Lab}	62.95, 19.63, -40.30
CIE _{LCh}	63, 44.824, 295.971
Yxy	31.5314, 0.2502, 0.2225
Android (android.graphics.Color)	4287860960 (0xFF9390E0)
YUV	154.0170, 34.5016, -6.1539
Hunter-Lab	56.1528, 14.4550, -39.6067

Details

The XYZ color **35.4604, 31.5314, 74.7382** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **61.5091, 70.6977, 36.7909**, and the grayscale version is **30.5845, 32.1773, 35.0411**.

A 20% lighter version of the original color is **62.8727, 60.3047, 102.9340**, and **15.5848, 13.1597, 38.7645** is the 20% darker color. If you saturate the color by 10%, you get **28.8878, 23.5970, 73.5537**, and if you desaturate by 10%, it is **43.4329, 41.1878, 76.1825**.

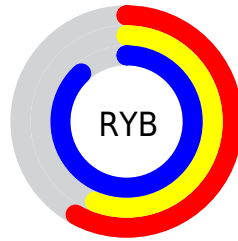
Distribution



Red (58%)

Green (56%)

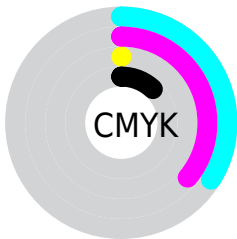
Blue (88%)



Red (58%)

Yellow (56%)

Blue (88%)

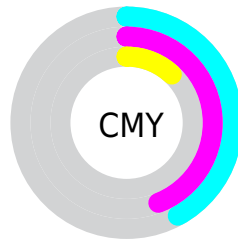


Cyan (34%)

Magenta (36%)

Yellow (0%)

Black (12%)



Cyan (42%)

Magenta (44%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4604, 31.5314, 74.7382 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 35.4604, 31.5314, 74.7382 by changing the saturation by 10% instead.

■ 35.4604, 31.5314,
74.7382

■ 35.4604, 31.5314,
74.7382

318.0684,
308.9791, 496.2486

■ 24.1859, 21.0038,
54.8980

■ 67.5277, 62.0757,
127.6854

■ 15.5971, 13.1268,
38.9220

■ 89.0513, 82.8613,
161.6295

■ 9.3285, 7.5159,
26.3917

114.7219,
107.8350, 201.1119

■ 5.0149, 3.7868,
16.8885

144.9049,
137.3812, 246.5513

■ 2.2909, 1.5550,
9.9939

179.9657,
171.8843, 298.3661

■ 0.7900, 0.3270,
5.2894

220.2697,

■ 0.0000, 0.0000,

211.7287, 356.9749

2.3563

266.1821,
257.2988, 422.7962

■ 0.0000, 0.0000,
0.7625

■ 0.0000, 0.0000,
0.0000

■ 35.4604, 31.5314,
74.7382

■ 35.4604, 31.5314,
74.7382

■ 28.8878, 23.5970,
73.5537

■ 43.4329, 41.1878,
76.1825

■ 23.6311, 17.2801,
72.6115

■ 52.8759, 52.6554,
77.8982

■ 19.6026, 12.4704,
71.8954

■ 63.8595, 66.0214,
79.8992

■ 16.7026, 9.0424,
71.3866

■ 76.4483, 81.3664,
82.1976

■ 14.8157, 6.8503,
71.0629

■ 90.3822, 98.1245,
84.6978

■ 13.8017, 5.7155,
70.8973

■ 90.4547, 98.1619,
84.7012

■ 13.5598, 5.4361,
70.8562

Harmonies

Analogous

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



29.1454, 31.5314, 80.4919



35.4604, 31.5314, 74.7382



40.8941, 31.5314, 57.0230

Triad

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



35.4604, 31.5314, 74.7382



37.0969, 31.5314, 13.1978



19.6410, 31.5314, 32.0044

Complementary

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



35.4604, 31.5314, 74.7382



61.5091, 70.6977, 36.7909

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.



21.1878, 31.5314, 18.6359



35.4604, 31.5314, 74.7382



30.8093, 31.5314, 10.3971

Square

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



35.4604, 31.5314, 74.7382



41.9261, 31.5314, 21.5190



25.0771, 31.5314, 11.9778



20.5344, 31.5314, 51.4289

Rectangle

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



35.4604, 31.5314, 74.7382



42.9890, 31.5314, 43.2271



25.0771, 31.5314, 11.9778



19.8864, 31.5314, 26.7500

Sweetspot

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



35.4615, 31.5326, 74.7389



77.5010, 78.6251, 105.6992



50.9015, 63.2010, 80.0378



16.1642, 16.3130, 22.5467



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.



35.4615, 31.5326, 74.7389



40.7079, 34.0111, 99.0270



43.8408, 35.8523, 75.1311



12.9993, 13.2677, 17.2635



7.9141, 3.1752, 41.2441



0.5656, 0.2289, 2.8596

Inverse Universe

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



53.7656, 41.0153, 73.4900



68.8138, 48.5759, 96.9232



50.8249, 65.1898, 36.2908



14.2717, 13.9263, 17.2007



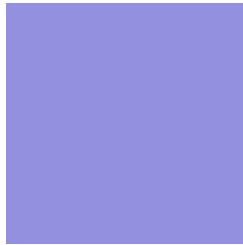
25.0876, 12.1021, 38.7228



1.7460, 0.8417, 2.7211

Previews

White Background



This preview shows how the XYZ color 35.4604, 31.5314, 74.7382 looks on a white background.

Color Contrast Check

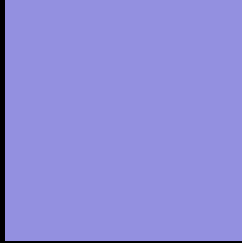
Large Text (above 18pt) WCAG AA × Fail

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 35.4604, 31.5314, 74.7382 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 35.4604, 31.5314, 74.7382

Background



This preview shows how black text looks on a background with the XYZ color 35.4604, 31.5314, 74.7382.



This preview shows how white text looks on a background with the XYZ color 35.4604, 31.5314,

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

35.4604, 31.5314, 74.7382

Protanopia

33.5067, 31.8298, 78.5065

Deuteranopia

32.4198, 31.6181, 73.5014



Tritanopia

28.7809, 31.4207, 41.5937

Trichromacy



Original Color

35.4604, 31.5314, 74.7382

Protanomaly

34.1279, 31.7124, 76.9954

Deuteranomaly

33.4249, 31.4131, 74.1137

Tritanomaly

30.7912, 31.2530, 51.9865

Monochromacy



Original Color

35.4604, 31.5314, 74.7382

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.8055, 31.6467, 47.0799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4604, 31.5314, 74.7382 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(147, 144, 224)` looks like.

```
.text, #text, p{  
    color:rgb(147, 144, 224)  
}
```

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(147, 144, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 144, 224) }
```

Border

The CSS property to change the border of an element to XYZ 35.4604, 31.5314, 74.7382 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(147, 144, 224) }
```


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

```
.border{ border-color:rgb(147, 144, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 144, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 144, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 144, 224);  
box-shadow:4px 4px 4px 4px rgb(147, 144,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4604, 31.5314, 74.7382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 144, 224) }
```

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

```
.background{ background-color: rgb(147,  
144, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor