

Converting Colors

XYZ(43.1496, 42.1328, 97.1250)

Have a look what the booklet for
XYZ(43.1496, 42.1328, 97.1250)
contains.

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Color

**XYZ(43.1496, 42.1328,
97.1250)**

Conversions

Conversions Part 1

Format	Color
Hex	8DACFB
RGB	141, 172, 251
RGB Percent	55%, 67%, 98%
CMY	0.4470, 0.3255, 0.0157
CMYK	0.44, 0.31, 0.00, 0.02
HSL	223°, 93%, 77%
HSV	223°, 44%, 98%
XYZ	43.1496, 42.1328, 97.1250
YIQ	171.7370, -43.8350, 17.9970

Conversions

Conversions Part 2

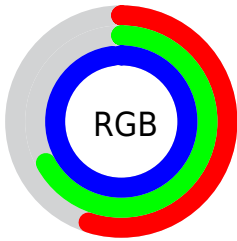
Format	Color
R _Y B	141, 165, 251
Decimal	9284859
CIE Lab	70.96, 9.44, -42.59
CIE LCh	71, 43.624, 282.502
Yxy	42.1328, 0.2366, 0.2310
Android (android.graphics.Color)	4287474939 (0xFF8DACFB)
YUV	171.7370, 39.0767, -26.9563
Hunter-Lab	64.9098, 5.0680, -43.2792

Details

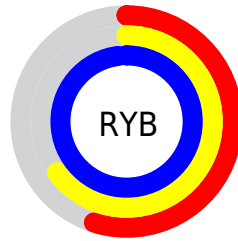
The XYZ color **43.1496, 42.1328, 97.1250** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **70.1861, 73.6206, 35.7122**, and the grayscale version is **38.9059, 40.9320, 44.5750**.

A 20% lighter version of the original color is **68.8078, 74.1639, 105.2963**, and **20.1102, 19.2128, 53.6875** is the 20% darker color. If you saturate the color by 10%, you get **36.1542, 33.7749, 95.8813**, and if you desaturate by 10%, it is **51.5804, 51.9231, 98.5712**.

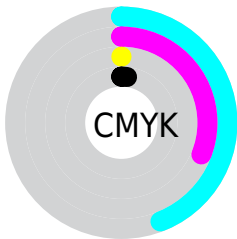
Distribution



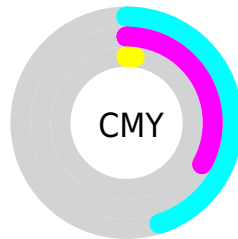
- Red (55%)
- Green (67%)
- Blue (98%)



- Red (55%)
- Yellow (65%)
- Blue (98%)



- Cyan (44%)
- Magenta (31%)
- Yellow (0%)
- Black (2%)



- Cyan (45%)
- Magenta (33%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1496, 42.1328, 97.1250 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 43.1496, 42.1328, 97.1250 by changing the saturation by 10% instead.

■ 43.1496, 42.1328,
97.1250

■ 43.1496, 42.1328,
97.1250

350.1377,
355.0331, 572.1030

■ 30.1975, 29.2053,
73.2982

■ 79.1909, 78.4006,
159.2179

■ 20.1374, 19.2362,
53.7266

■ 103.0108,
102.5096, 198.3211

■ 12.6038, 11.8411,
37.9914

131.1840,
131.1147, 243.3535

■ 7.2314, 6.6355,
25.6742

164.0760,
164.6000, 294.7337

■ 3.6549, 3.2352,
16.3565

202.0520,
203.3502, 352.8802

■ 1.5088, 1.2557,
9.6197

245.4773,

■ 0.3318, 0.1065,

247.7495, 418.2116

5.0453

294.7175,
298.1823, 491.1463

■ 0.0000, 0.0000,
2.2146

■ 0.0000, 0.0000,
0.6828

■ 43.1496, 42.1328,
97.1250

■ 43.1496, 42.1328,
97.1250

■ 36.1542, 33.7749,
95.8813

■ 51.5804, 51.9231,
98.5712

■ 30.5049, 26.7734,
94.8276

■ 61.5197, 63.2072,
100.2253

■ 26.1090, 21.0518,
93.9549

■ 73.0407, 76.0482,
102.0967

■ 22.8587, 16.5229,
93.2520

■ 86.2104, 90.5044,
104.1929

■ 20.6255, 13.0859,
92.7063

■ 94.4127, 99.7451,
105.5442

■ 19.6491, 11.4379,
92.4397

Harmonies

Analogous

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



35.9874, 42.1328, 95.6432



43.1496, 42.1328, 97.1250



50.2546, 42.1328, 82.1826

Triad

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



43.1496, 42.1328, 97.1250



51.2639, 42.1328, 23.7913



28.1364, 42.1328, 34.8583

Complementary

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



43.1496, 42.1328, 97.1250



70.1861, 73.6206, 35.7122

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.



31.3229, 42.1328, 22.2335



43.1496, 42.1328, 97.1250



44.3987, 42.1328, 17.3026

Square

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



43.1496, 42.1328, 97.1250



55.3060, 42.1328, 37.7416



37.0948, 42.1328, 16.8353



27.8879, 42.1328, 55.1013

Rectangle

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



43.1496, 42.1328, 97.1250



53.7726, 42.1328, 66.9588



37.0948, 42.1328, 16.8353



28.8800, 42.1328, 29.7595

Sweetspot

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



43.1511, 42.1343, 97.1260



76.7580, 79.9853, 106.0009



58.3793, 79.8167, 79.9251



15.8272, 16.4539, 22.5917



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.



43.1511, 42.1343, 97.1260



37.9910, 35.6345, 99.4835



42.4215, 33.9981, 95.5940



16.6813, 17.4394, 21.8722



10.4340, 6.2235, 48.6249



1.0520, 0.7477, 4.5320

Inverse Universe

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



56.7563, 42.5392, 44.2506



54.1045, 37.1233, 36.6330



71.0373, 87.2765, 38.3032



17.4457, 17.3056, 18.9366



21.5586, 11.0392, 4.3841



2.0399, 1.0397, 0.6337

Previews

White Background



This preview shows how the XYZ color 43.1496, 42.1328, 97.1250 looks on a white background.

Color Contrast Check

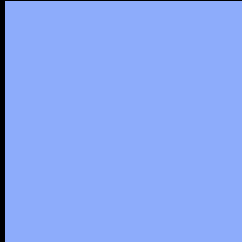
Large Text (above 18pt) WCAG AA × Fail

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 43.1496, 42.1328, 97.1250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

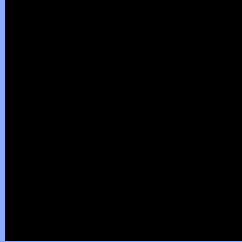
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1496, 42.1328, 97.1250

Background



This preview shows how black text looks on a background with the XYZ color 43.1496, 42.1328, 97.1250.



This preview shows how white text looks on a background with the XYZ color 43.1496, 42.1328,

97.1250.

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

43.1496, 42.1328, 97.1250

Protanopia

44.0310, 42.3238, 96.2911

Deuteranopia

43.3204, 42.2209, 97.1330



Tritanopia

35.6157, 42.3338, 59.1174

Trichromacy



Original Color

43.1496, 42.1328, 97.1250

Protanomaly

43.4953, 42.0477, 96.2660

Deuteranomaly

43.3204, 42.2209, 97.1330

Tritanomaly

38.0046, 42.0752, 71.7639

Monochromacy



Original Color

43.1496, 42.1328, 97.1250

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.9931, 41.2992, 61.1220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1496, 42.1328, 97.1250 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(141, 172, 251)` looks like.

```
.text, #text, p{  
    color:rgb(141, 172, 251)  
}
```

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(141, 172, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 172, 251) }
```

Border

The CSS property to change the border of an element to XYZ 43.1496, 42.1328, 97.1250 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(141, 172, 251) }
```


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

```
.border{ border-color:rgb(141, 172, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 172, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 172, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 172, 251);  
box-shadow:4px 4px 4px 4px rgb(141, 172,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1496, 42.1328, 97.1250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 172, 251) }
```

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

```
.background{ background-color: rgb(141,  
172, 251) }
```

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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