

Converting Colors

XYZ(43.4233, 26.0882,
116.0987)

Have a look what the booklet for
XYZ(43.4233, 26.0882, 116.0987)
contains.

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Color

**XYZ(39.9121, 24.6997,
97.2717)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | AF60FF |
| RGB | 175, 96, 255 |
| RGB Percent | 69%, 38%, 100% |
| CMY | 0.3137, 0.6235, 0.0000 |
| CMYK | 0.31, 0.62, 0.00, 0.00 |
| HSL | 270°, 100%, 69% |
| HSV | 270°, 62%, 100% |
| XYZ | 39.9121, 24.6997, 97.2717 |
| YIQ | 137.7470, -3.9550, 66.1970 |

Conversions

Conversions Part 2

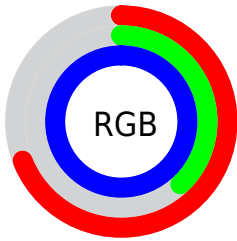
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 175, 96, 255 |
| Decimal | 11493631 |
| CIE _{Lab} | 56.78, 60.71, -67.14 |
| CIE _{LCh} | 57, 90.512, 312.120 |
| Yxy | 24.6997, 0.2465, 0.1526 |
| Android (android.graphics.Color) | 4289683711 (0xFFAF60FF) |
| YUV | 137.7470, 57.8057, 32.6709 |
| Hunter-Lab | 49.6988, 56.3769, -81.2547 |

Details

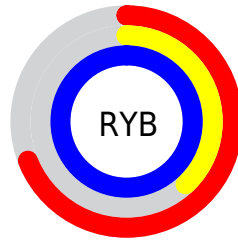
The XYZ color **39.9121, 24.6997, 97.2717** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **55.7756, 81.5945, 23.8765**, and the grayscale version is **23.8503, 25.0924, 27.3256**.

A 20% lighter version of the original color is **63.2173, 46.6949, 100.2888**, and **18.2421, 9.4691, 53.6896** is the 20% darker color. If you saturate the color by 10%, you get **35.2074, 19.3630, 96.4895**, and if you desaturate by 10%, it is **45.6466, 31.6874, 98.3182**.

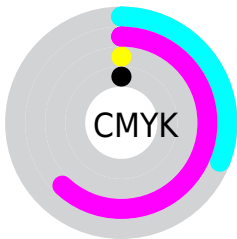
Distribution



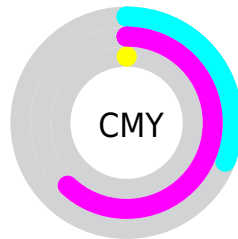
- Red (69%)
- Green (38%)
- Blue (100%)



- Red (69%)
- Yellow (38%)
- Blue (100%)



- Cyan (31%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)





- Cyan (31%)
- Magenta (62%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9121, 24.6997, 97.2717 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 39.9121, 24.6997, 97.2717 by changing the saturation by 10% instead.

 39.9121, 24.6997,
97.2717


 39.9121, 24.6997,
97.2717


336.8937,
276.3391, 572.5814


 27.6539, 15.8535,
73.4199


 74.3148, 51.1696,
159.4218


 18.2041, 9.4205,
53.8254


 97.1901, 69.5621,
198.5572

 11.1972, 5.0165,
38.0699


 124.3351, 91.9055,
243.6241

 6.2679, 2.2569,
25.7347

 156.1152,
118.5841, 295.0411

 3.0508, 0.7508,
16.4013

192.8958,
149.9824, 353.2268

 1.1807, 0.0000,
9.6511

235.0421,

 0.0911, 0.0000,

186.4847, 418.5998

5.0657

282.9197,
228.4755, 491.5784

■ 0.0000, 0.0000,
2.2264

■ 0.0000, 0.0000,
0.6896

■ 39.9121, 24.6997,
97.2717

■ 39.9121, 24.6997,
97.2717

■ 35.2074, 19.3630,
96.4895

■ 45.6466, 31.6874,
98.3182

■ 31.4458, 15.5189,
95.9458

■ 52.4810, 40.4590,
99.6511

■ 28.5286, 12.9803,
95.6096

■ 60.4821, 51.1366,
101.2903

■ 26.7581, 11.7092,
95.4575

■ 69.7100, 63.8302,
103.2541

■ 80.2202, 78.6414,
105.5590

■ 92.0649, 95.6649,
108.2206

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



28.0066, 24.6997, 133.3492



39.9121, 24.6997, 97.2717



48.6111, 24.6997, 49.0094

Triad

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



39.9121, 24.6997, 97.2717



30.2839, 24.6997, 0.8221



8.6865, 24.6997, 41.0568

Complementary

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



39.9121, 24.6997, 97.2717



55.7756, 81.5945, 23.8765

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.



8.9617, 24.6997, 12.6914



39.9121, 24.6997, 97.2717



19.4630, 24.6997, 0.6575

Square

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



39.9121, 24.6997, 97.2717



42.0040, 24.6997, 3.6999



12.3149, 24.6997, 2.7038



11.3996, 24.6997, 87.8514

Rectangle

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



39.9121, 24.6997, 97.2717



50.1998, 24.6997, 24.7975



12.3149, 24.6997, 2.7038



8.4622, 24.6997, 29.1050

Sweetspot

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



39.9131, 24.7005, 97.2718



73.0875, 68.5542, 103.9879



38.8246, 41.6079, 100.5926



15.0249, 13.8074, 22.1231



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.



39.9131, 24.7005, 97.2718



34.1232, 18.2068, 96.3235



62.5049, 36.3470, 98.3290



17.8628, 17.8210, 22.7483



14.1536, 6.2069, 49.8867



1.5040, 0.6692, 4.8632

Inverse Universe

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



53.2594, 32.7607, 44.5899



49.4022, 27.4358, 35.9373



42.9791, 74.9977, 23.2776



18.3906, 18.1396, 20.6742



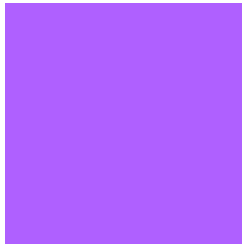
23.6704, 11.9575, 12.1807



2.3599, 1.1863, 1.4764

Previews

White Background



This preview shows how the XYZ color 39.9121, 24.6997, 97.2717 looks on a white background.

Color Contrast Check

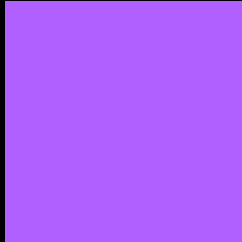
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.9121, 24.6997, 97.2717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

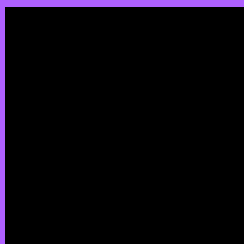
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.9121, 24.6997, 97.2717

Background



This preview shows how black text looks on a background with the XYZ color 39.9121, 24.6997, 97.2717.



This preview shows how white text looks on a background with the XYZ color 39.9121, 24.6997,

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

39.9121, 24.6997, 97.2717

Protanopia

28.7555, 24.9877, 97.9153

Deuteranopia

25.8672, 25.1191, 90.6739



Tritanopia

25.8531, 24.6310, 28.2026

Trichromacy



Original Color

39.9121, 24.6997, 97.2717



Protanomaly

30.8312, 23.6018, 97.5384



Deuteranomaly

26.2962, 22.0955, 92.5014



Tritanomaly

29.6199, 23.9113, 47.3102

Monochromacy



Original Color

39.9121, 24.6997, 97.2717



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

28.1859, 24.0814, 46.8787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9121, 24.6997, 97.2717 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(175, 96, 255)` looks like.

```
.text, #text, p{  
    color:rgb(175, 96, 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(175, 96, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 96, 255) }
```

Border

The CSS property to change the border of an element to XYZ 39.9121, 24.6997, 97.2717 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(175, 96, 255) }
```


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

```
.border{ border-color:rgb(175, 96, 255) }
```

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

Here you see how a box with a 4 pixel rgb(175, 96, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 96, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 96, 255);  
box-shadow:4px 4px 4px 4px rgb(175, 96,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9121, 24.6997, 97.2717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 96, 255) }
```

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

```
.background{ background-color: rgb(175, 96,  
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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