

Converting Colors

XYZ(43.6339, 37.3118, 98.9988)

Have a look what the booklet for
XYZ(43.6339, 37.3118, 98.9988)
contains.

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Color

**XYZ(43.5787, 37.3092,
98.6705)**

Conversions

Conversions Part 1

Format	Color
Hex	9F99FE
RGB	159, 153, 254
RGB Percent	62%, 60%, 100%
CMY	0.3765, 0.4000, 0.0039
CMYK	0.37, 0.40, 0.00, 0.00
HSL	244°, 98%, 80%
HSV	244°, 40%, 100%
XYZ	43.5787, 37.3092, 98.6705
YIQ	166.3080, -28.8450, 32.6830

Conversions

Conversions Part 2

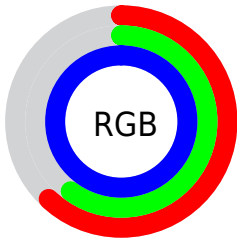
Format	Color
RYB	159, 153, 254
Decimal	10459646
CIELab	67.51, 25.60, -49.56
CIElCh	68, 55.783, 297.319
Yxy	37.3092, 0.2427, 0.2078
Android (android.graphics.Color)	4288649726 (0xFF9F99FE)
YUV	166.3080, 43.2322, -6.4091
Hunter-Lab	61.0813, 20.4594, -53.0200

Details

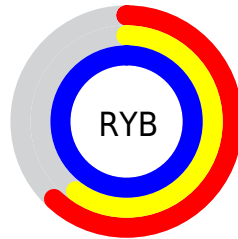
The XYZ color **43.5787, 37.3092, 98.6705** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **79.9034, 93.1406, 43.9048**, and the grayscale version is **36.2030, 38.0884, 41.4783**.

A 20% lighter version of the original color is **68.9781, 66.5974, 103.8268**, and **20.4229, 16.4175, 54.9158** is the 20% darker color. If you saturate the color by 10%, you get **35.5669, 27.6510, 97.2293**, and if you desaturate by 10%, it is **53.3937, 49.2116, 100.4513**.

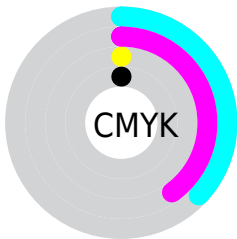
Distribution



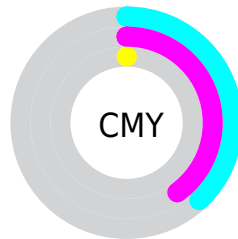
- Red (62%)
- Green (60%)
- Blue (100%)



- Red (62%)
- Yellow (60%)
- Blue (100%)



- Cyan (37%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5787, 37.3092, 98.6705 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 43.5787, 37.3092, 98.6705 by changing the saturation by 10% instead.

■ 43.5787, 37.3092,
98.6705

■ 43.5787, 37.3092,
98.6705

351.8676,
334.6473, 577.1319

■ 30.5359, 25.4470,
74.5800

■ 79.8337, 71.0481,
161.3649

■ 20.3958, 16.4104,
54.7692

■ 103.7766, 93.6935,
200.8058

■ 12.7930, 9.8150,
38.8196

132.0836,
120.7022, 246.2006

■ 7.3622, 5.2765,
26.3127

165.1201,
152.4584, 297.9678

■ 3.7380, 2.4104,
16.8298

203.2514,
189.3467, 356.5261

■ 1.5550, 0.8312,
9.9526

246.8428,

■ 0.3628, 0.0000,

231.7513, 422.2938

5.2623

296.2598,
280.0567, 495.6896

■ 0.0000, 0.0000,
2.3406

■ 0.0000, 0.0000,
0.7538

■ 43.5787, 37.3092,
98.6705

■ 43.5787, 37.3092,
98.6705

■ 35.5669, 27.6510,
97.2293

■ 53.3937, 49.2116,
100.4513

■ 29.2444, 20.0924,
96.1035

■ 65.1079, 63.4826,
102.5885

■ 24.4911, 14.4782,
95.2704

■ 78.8158, 80.2421,
105.1009

■ 21.1692, 10.6301,
94.7027

94.6042, 99.6010,
108.0054

■ 19.1166, 8.3369,
94.3683

94.8895, 99.9358,
108.0550

■ 18.1040, 7.2761,
94.2169

■ 18.0880, 7.2581,
94.2143

Harmonies

Analogous

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



34.6957, 37.3092, 108.3962



43.5787, 37.3092, 98.6705



51.2267, 37.3092, 71.8237

Triad

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



43.5787, 37.3092, 98.6705



45.1291, 37.3092, 12.4327



21.4105, 37.3092, 38.4547

Complementary

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



43.5787, 37.3092, 98.6705



79.9034, 93.1406, 43.9048

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.



23.3160, 37.3092, 20.0900



43.5787, 37.3092, 98.6705



36.2380, 37.3092, 9.3570

Square

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



43.5787, 37.3092, 98.6705



52.2185, 37.3092, 22.5783



28.4202, 37.3092, 11.4564



22.7377, 37.3092, 66.3748

Rectangle

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



43.5787, 37.3092, 98.6705



54.1002, 37.3092, 51.8948



28.4202, 37.3092, 11.4564



21.6861, 37.3092, 31.1150

Sweetspot

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



43.5801, 37.3106, 98.6714



76.2458, 76.9506, 105.4421



64.8875, 81.6495, 106.1066



15.9209, 15.9826, 22.4958



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.



43.5801, 37.3106, 98.6714



37.1766, 29.4501, 98.3328



55.4491, 43.4293, 99.2269



17.1029, 17.4292, 22.7127



9.5744, 3.8463, 49.6724



0.9657, 0.3918, 4.8380

Inverse Universe

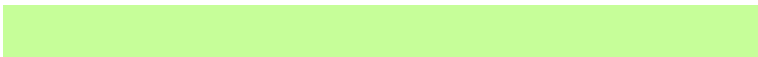
The Inverse Universe completely reimagines the original color for something new.



69.2083, 50.6317, 94.9320



66.4739, 44.6861, 93.7070



64.6001, 85.2515, 43.1887



18.7433, 18.2806, 22.5314



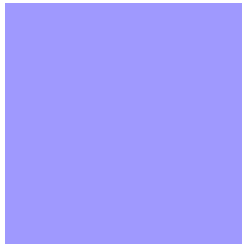
29.7754, 14.3995, 44.3294



2.9127, 1.4075, 4.3879

Previews

White Background



This preview shows how the XYZ color 43.5787, 37.3092, 98.6705 looks on a white background.

Color Contrast Check

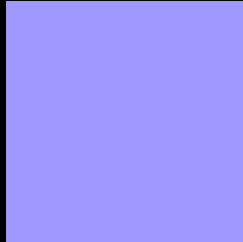
Large Text (above 18pt) WCAG AA × Fail

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 43.5787, 37.3092, 98.6705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

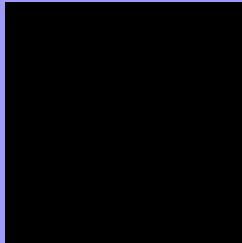
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5787, 37.3092, 98.6705

Background



This preview shows how black text looks on a background with the XYZ color 43.5787, 37.3092, 98.6705.



This preview shows how white text looks on a background with the XYZ color 43.5787, 37.3092,

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

43.5787, 37.3092, 98.6705

Protanopia

40.0008, 37.4556, 99.7291

Deuteranopia

38.7313, 37.6441, 97.3201



Tritanopia

33.6015, 37.1334, 49.6525

Trichromacy



Original Color

43.5787, 37.3092, 98.6705

Protanomaly

41.2614, 37.3364, 99.6397

Deuteranomaly

40.2921, 37.3844, 98.0208

Tritanomaly

36.6951, 37.0444, 64.8907

Monochromacy



Original Color

43.5787, 37.3092, 98.6705

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

38.0422, 37.3535, 58.6310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5787, 37.3092, 98.6705 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(159, 153, 254)` looks like.

```
.text, #text, p{  
    color:rgb(159, 153, 254)  
}
```

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(159, 153, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 153, 254) }
```

Border

The CSS property to change the border of an element to XYZ 43.5787, 37.3092, 98.6705 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(159, 153, 254) }
```


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

```
.border{ border-color:rgb(159, 153, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 153, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 153, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 153, 254);  
box-shadow:4px 4px 4px 4px rgb(159, 153,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5787, 37.3092, 98.6705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 153, 254) }
```

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

```
.background{ background-color: rgb(159,  
153, 254) }
```

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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