

Converting Colors

XYZ(41.6046, 37.5134, 99.6557)

Have a look what the booklet for
XYZ(41.6046, 37.5134, 99.6557)
contains.

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Color

**XYZ(41.6046, 37.5134,
99.6557)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9EFF
RGB	143, 158, 255
RGB Percent	56%, 62%, 100%
CMY	0.4392, 0.3804, 0.0000
CMYK	0.44, 0.38, 0.00, 0.00
HSL	232°, 100%, 78%
HSV	232°, 44%, 100%
XYZ	41.6046, 37.5134, 99.6557
YIQ	164.5730, -40.0770, 26.9870

Conversions

Conversions Part 2

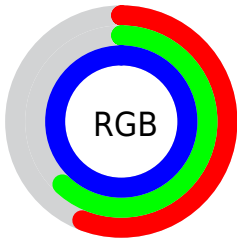
Format	Color
R_{YB}	143, 156, 255
Decimal	9412351
CIE _{Lab}	67.66, 19.03, -49.94
CIE _{LCh}	68, 53.445, 290.863
Yxy	37.5134, 0.2327, 0.2098
Android (android.graphics.Color)	4287602431 (0xFF8F9EFF)
YUV	164.5730, 44.5805, -18.9195
Hunter-Lab	61.2482, 14.0670, -53.5958

Details

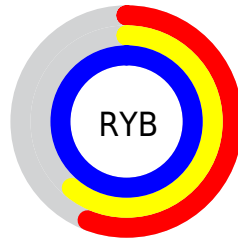
The XYZ color **41.6046, 37.5134, 99.6557** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **77.3592, 85.5651, 38.4271**, and the grayscale version is **35.3685, 37.2104, 40.5222**.

A 20% lighter version of the original color is **65.6809, 66.7245, 104.0251**, and **19.2885, 16.5710, 55.6080** is the 20% darker color. If you saturate the color by 10%, you get **34.2467, 28.6220, 98.3273**, and if you desaturate by 10%, it is **50.6452, 48.2784, 101.2571**.

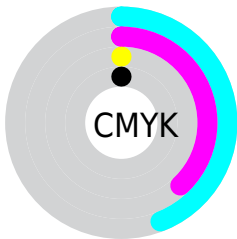
Distribution



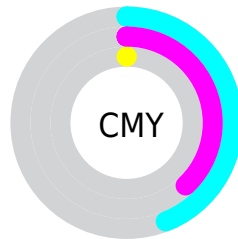
- Red (56%)
- Green (62%)
- Blue (100%)



- Red (56%)
- Yellow (61%)
- Blue (100%)



- Cyan (44%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6046, 37.5134, 99.6557 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 41.6046, 37.5134, 99.6557 by changing the saturation by 10% instead.

■ 41.6046, 37.5134,
99.6557

■ 41.6046, 37.5134,
99.6557

343.8608,
335.5280, 580.3255

■ 28.9816, 25.6052,
75.3977

■ 76.8698, 71.3617,
162.7317

■ 19.2111, 16.5286,
55.4351

■ 100.2426, 94.0706,
202.3868

■ 11.9278, 9.8989,
39.3492

127.9295,
121.1486, 248.0114

■ 6.7664, 5.3320,
26.7216

160.2956,
152.9800, 300.0241

■ 3.3615, 2.4433,
17.1337

197.7065,
189.9493, 358.8432

■ 1.3477, 0.8481,
10.1669

240.5274,

■ 0.2185, 0.0000,

232.4407, 424.8875

5.4027

289.1237,
280.8388, 498.5754

■ 0.0000, 0.0000,
2.4226

■ 0.0000, 0.0000,
0.7987

■ 41.6046, 37.5134,
99.6557

■ 41.6046, 37.5134,
99.6557

■ 34.2467, 28.6220,
98.3273

■ 50.6452, 48.2784,
101.2571

■ 28.4625, 21.4923,
97.2560

■ 61.4607, 61.0124,
103.1450

■ 24.1362, 16.0064,
96.4252

■ 74.1408, 75.8089,
105.3327

■ 21.1337, 12.0296,
95.8158

■ 88.7684, 92.7542,
107.8325

■ 19.2950, 9.4053,
95.4062

95.0500, 100.0000,
108.9000

■ 18.6262, 8.3725,
95.2421

Harmonies

Analogous

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



33.1968, 37.5134, 104.0705



41.6046, 37.5134, 99.6557



49.4196, 37.5134, 76.7269

Triad

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



41.6046, 37.5134, 99.6557



46.6268, 37.5134, 14.7808



22.1818, 37.5134, 34.0520

Complementary

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



41.6046, 37.5134, 99.6557



77.3592, 85.5651, 38.4271

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.



24.7183, 37.5134, 18.3681



41.6046, 37.5134, 99.6557



38.2324, 37.5134, 10.4180

Square

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



41.6046, 37.5134, 99.6557



52.6155, 37.5134, 26.7159



30.3021, 37.5134, 11.4137



22.7984, 37.5134, 59.2430

Rectangle

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



41.6046, 37.5134, 99.6557



52.8276, 37.5134, 57.6109



30.3021, 37.5134, 11.4137



22.6773, 37.5134, 27.6964

Sweetspot

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



41.6059, 37.5147, 99.6559



75.4033, 77.2760, 105.5493



62.5507, 83.5450, 93.8727



15.4967, 15.7930, 22.4815



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.



41.6059, 37.5147, 99.6559



34.8560, 29.3644, 98.4385



47.2127, 36.8364, 99.2295



17.1991, 17.7698, 22.7734



9.7923, 4.4943, 49.7859



1.0110, 0.5526, 4.8667

Inverse Universe

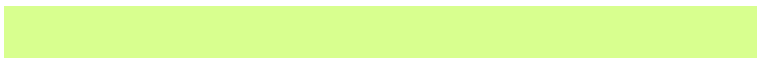
The Inverse Universe completely reimagines the original color for something new.



57.2350, 43.3752, 37.7045



52.5221, 36.4904, 28.3001



68.9787, 88.0721, 39.3527



18.1084, 18.0267, 19.1879



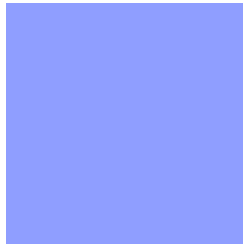
21.7309, 11.1817, 1.9675



2.1449, 1.1003, 0.3445

Previews

White Background



This preview shows how the XYZ color 41.6046, 37.5134, 99.6557 looks on a white background.

Color Contrast Check

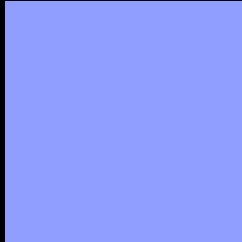
Large Text (above 18pt) WCAG AA × Fail

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 41.6046, 37.5134, 99.6557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

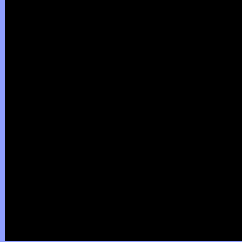
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.6046, 37.5134, 99.6557

Background



This preview shows how black text looks on a background with the XYZ color 41.6046, 37.5134, 99.6557.



This preview shows how white text looks on a background with the XYZ color 41.6046, 37.5134,

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

41.6046, 37.5134, 99.6557

Protanopia

40.0008, 37.4556, 99.7291

Deuteranopia

38.7726, 37.6286, 98.9854



Tritanopia

31.9276, 37.3353, 51.9780

Trichromacy



Original Color

41.6046, 37.5134, 99.6557

Protanomaly

40.6125, 37.5125, 99.7079

Deuteranomaly

39.7118, 37.5856, 98.9276

Tritanomaly

34.9367, 37.1659, 66.9604

Monochromacy



Original Color

41.6046, 37.5134, 99.6557

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.0180, 37.0860, 58.6333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6046, 37.5134, 99.6557 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(143, 158, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 158, 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(143, 158, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 158, 255) }
```

Border

The CSS property to change the border of an element to XYZ 41.6046, 37.5134, 99.6557 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(143, 158, 255) }
```


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

```
.border{ border-color:rgb(143, 158, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 158, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 158, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 158, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 158,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6046, 37.5134, 99.6557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 158, 255) }
```

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

```
.background{ background-color: rgb(143,  
158, 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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