

Converting Colors

XYZ(37.7539, 35.4045, 93.6516)

Have a look what the booklet for
XYZ(37.7539, 35.4045, 93.6516)
contains.

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Color

**XYZ(37.7526, 35.4033,
93.6507)**

Conversions

Conversions Part 1

Format	Color
Hex	7F9DF8
RGB	127, 157, 248
RGB Percent	50%, 62%, 97%
CMY	0.5019, 0.3843, 0.0274
CMYK	0.49, 0.37, 0.00, 0.03
HSL	225°, 90%, 74%
HSV	225°, 49%, 97%
XYZ	37.7526, 35.4033, 93.6507
YIQ	158.4040, -47.0910, 21.9410

Conversions

Conversions Part 2

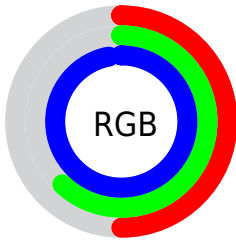
Format	Color
R _{YB}	127, 151, 248
Decimal	8363512
CIE Lab	66.06, 13.83, -48.72
CIE LCh	66, 50.641, 285.847
Yxy	35.4033, 0.2263, 0.2122
Android (android.graphics.Color)	4286553592 (0xFF7F9DF8)
YUV	158.4040, 44.1708, -27.5413
Hunter-Lab	59.5007, 9.1303, -51.6686

Details

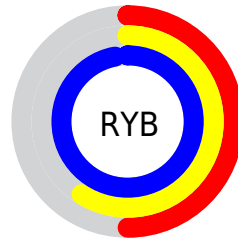
The XYZ color **37.7526, 35.4033, 93.6507** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **67.6151, 71.6337, 30.3434**, and the grayscale version is **32.5049, 34.1977, 37.2413**.

A 20% lighter version of the original color is **61.3518, 64.1228, 103.7511**, and **16.9419, 15.2986, 51.3502** is the 20% darker color. If you saturate the color by 10%, you get **31.5851, 27.8919, 92.5266**, and if you desaturate by 10%, it is **45.3134, 44.3492, 94.9796**.

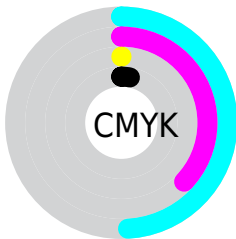
Distribution



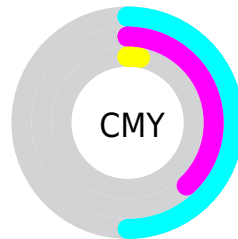
- Red (50%)
- Green (62%)
- Blue (97%)



- Red (50%)
- Yellow (59%)
- Blue (97%)



- Cyan (49%)
- Magenta (37%)
- Yellow (0%)
- Black (3%)



- Cyan (50%)
- Magenta (38%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.7526, 35.4033, 93.6507 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 37.7526, 35.4033, 93.6507 by changing the saturation by 10% instead.

■ 37.7526, 35.4033,
93.6507

■ 37.7526, 35.4033,
93.6507

327.8567,
326.3449, 560.7099

■ 25.9671, 23.9737,
70.4218

■ 71.0351, 68.1101,
154.3787

■ 16.9316, 15.3141,
51.3915

■ 93.2628, 90.1560,
192.7148

■ 10.2807, 9.0401,
36.1414

■ 119.7020,
116.5096, 236.9238

■ 5.6492, 4.7674,
24.2529

150.7179,
147.5551, 287.4241

■ 2.6716, 2.1114,
15.3074

186.6760,
183.6770, 344.6343

■ 0.9826, 0.6710,
8.8864

227.9416,

■ 0.0000, 0.0000,

225.2597, 408.9730

4.5713

274.8801,
272.6875, 480.8587

■ 0.0000, 0.0000,
1.9437

■ 0.0000, 0.0000,
0.5203

■ 37.7526, 35.4033,
93.6507

■ 37.7526, 35.4033,
93.6507

■ 31.5851, 27.8919,
92.5266

■ 45.3134, 44.3492,
94.9796

■ 26.7171, 21.7327,
91.5944

■ 54.3450, 54.7980,
96.5204

■ 23.0492, 16.8402,
90.8433

■ 64.9234, 66.8181,
98.2830

■ 20.4642, 13.1160,
90.2607

■ 77.1185, 80.4726,
100.2758

■ 18.8000, 10.4348,
89.8309

■ 90.9957, 95.8209,
102.5070

■ 18.6381, 10.1668,
89.7877

■ 93.9434, 99.5574,
103.0728

Harmonies

Analogous

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



30.2381, 35.4033, 94.2240



37.7526, 35.4033, 93.6507



45.1210, 35.4033, 75.1669

Triad

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



37.7526, 35.4033, 93.6507



44.7547, 35.4033, 15.8241



21.4912, 35.4033, 29.2871

Complementary

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



37.7526, 35.4033, 93.6507



67.6151, 71.6337, 30.3434

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.



24.3089, 35.4033, 16.3067



37.7526, 35.4033, 93.6507



37.3089, 35.4033, 10.7307

Square

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



37.7526, 35.4033, 93.6507



49.5561, 35.4033, 28.3143



29.8555, 35.4033, 10.8663



21.5732, 35.4033, 50.9914

Rectangle

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



37.7526, 35.4033, 93.6507



48.6350, 35.4033, 58.0864



29.8555, 35.4033, 10.8663



22.1100, 35.4033, 23.9709

Sweetspot

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



37.7539, 35.4045, 93.6516



73.8508, 76.4529, 105.4723



54.9433, 76.6967, 78.0677



15.2383, 15.7251, 22.4821



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.



37.7539, 35.4045, 93.6516



33.4736, 29.4974, 98.5371



38.4877, 29.1511, 92.4059



16.6326, 17.3420, 21.8560



10.1606, 5.6768, 48.5338



1.0210, 0.6856, 4.5217

Inverse Universe

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



52.3877, 37.5711, 36.3902



51.1171, 33.2202, 29.2501



66.2381, 83.5350, 32.7131



17.4211, 17.2958, 18.8072



21.4206, 10.9840, 3.6575



2.0243, 1.0334, 0.5512

Previews

White Background



This preview shows how the XYZ color 37.7526, 35.4033, 93.6507 looks on a white background.

Color Contrast Check

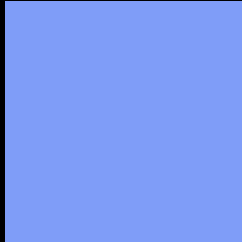
Large Text (above 18pt) WCAG AA × Fail

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 37.7526, 35.4033, 93.6507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

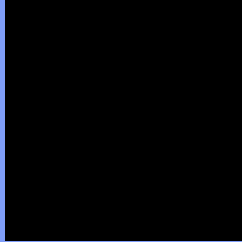
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.7526, 35.4033, 93.6507

Background



This preview shows how black text looks on a background with the XYZ color 37.7526, 35.4033, 93.6507.



This preview shows how white text looks on a background with the XYZ color 37.7526, 35.4033,

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

37.7526, 35.4033, 93.6507

Protanopia

37.7526, 35.4033, 93.6507

Deuteranopia

36.4295, 35.5018, 92.9282



Tritanopia

29.0899, 35.3359, 50.6347

Trichromacy



Original Color

37.7526, 35.4033, 93.6507

Protanomaly

37.7526, 35.4033, 93.6507

Deuteranomaly

36.7944, 35.4336, 92.8958

Tritanomaly

31.6570, 34.9927, 64.1172

Monochromacy



Original Color

37.7526, 35.4033, 93.6507

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.6635, 34.4184, 54.1594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7526, 35.4033, 93.6507 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(127, 157, 248)` looks like.

```
.text, #text, p{  
    color:rgb(127, 157, 248)  
}
```

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(127, 157, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 157, 248) }
```

Border

The CSS property to change the border of an element to XYZ 37.7526, 35.4033, 93.6507 is called "border". The border property can be set on classes, ids or directly on the HTML element.

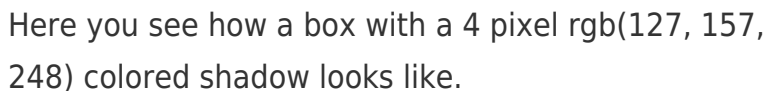
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 157, 248) }
```


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

```
.border{ border-color:rgb(127, 157, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 157, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 157, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 157, 248); box-shadow:4px 4px 4px 4px rgb(127, 157, 248) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7526, 35.4033, 93.6507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 157, 248) }
```

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

```
.background{ background-color: rgb(127,  
157, 248) }
```

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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