

Converting Colors

XYZ(38.6851, 37.2766, 77.1077)

Have a look what the booklet for
XYZ(38.6851, 37.2766, 77.1077)
contains.

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Color

**XYZ(38.6851, 37.2766,
77.1077)**

Conversions

Conversions Part 1

Format	Color
Hex	94A1E2
RGB	148, 161, 226
RGB Percent	58%, 63%, 89%
CMY	0.4196, 0.3686, 0.1137
CMYK	0.35, 0.29, 0.00, 0.11
HSL	230°, 57%, 73%
HSV	230°, 35%, 89%
XYZ	38.6851, 37.2766, 77.1077
YIQ	164.5230, -28.6130, 17.4590

Conversions

Conversions Part 2

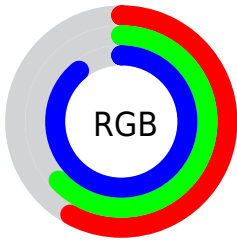
Format	Color
R_{YB}	148, 159, 226
Decimal	9740770
CIE _{Lab}	67.48, 10.70, -34.33
CIE _{LCh}	67, 35.959, 287.308
Yxy	37.2766, 0.2527, 0.2435
Android (android.graphics.Color)	4287930850 (0xFF94A1E2)
YUV	164.5230, 30.3082, -14.4907
Hunter-Lab	61.0546, 6.2548, -32.1410

Details

The XYZ color **38.6851, 37.2766, 77.1077** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **60.5046, 65.8965, 37.5489**, and the grayscale version is **35.4066, 37.2505, 40.5658**.

A 20% lighter version of the original color is **67.5077, 69.1691, 104.4007**, and **17.4477, 16.4338, 40.2827** is the 20% darker color. If you saturate the color by 10%, you get **31.9423, 29.2779, 75.9198**, and if you desaturate by 10%, it is **46.7242, 46.6810, 78.4999**.

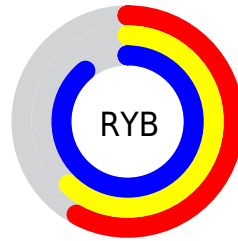
Distribution



Red (58%)

Green (63%)

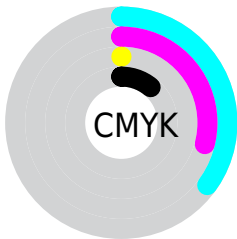
Blue (89%)



Red (58%)

Yellow (62%)

Blue (89%)

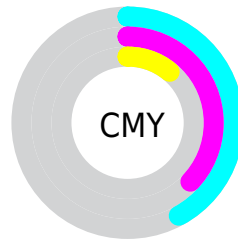


Cyan (35%)

Magenta (29%)

Yellow (0%)

Black (11%)



Cyan (42%)

Magenta (37%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6851, 37.2766, 77.1077 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 38.6851, 37.2766, 77.1077 by changing the saturation by 10% instead.

■ 38.6851, 37.2766,
77.1077

■ 38.6851, 37.2766,
77.1077

331.7801,
334.5065, 504.5786

■ 26.6945, 25.4217,
56.8292

■ 72.4542, 70.9980,
131.0659

■ 17.4793, 16.3915,
40.4597

■ 94.9633, 93.6333,
165.5827

■ 10.6742, 9.8016,
27.5806

121.7093,
120.6309, 205.6826

■ 5.9139, 5.2676,
17.7735

153.0576,
152.3751, 251.7842

■ 2.8329, 2.4051,
10.6197

189.3734,
189.2504, 304.3061

■ 1.0660, 0.8285,
5.7008

231.0222,

■ 0.0000, 0.0000,

231.6411, 363.6667

2.5982

278.3693,
279.9317, 430.2847

■ 0.0000, 0.0000,
0.8915

■ 0.0000, 0.0000,
0.0000

■ 38.6851, 37.2766,
77.1077

■ 38.6851, 37.2766,
77.1077

■ 31.9423, 29.2779,
75.9198

■ 46.7242, 46.6810,
78.4999

■ 26.4233, 22.6124,
74.9242

■ 56.1195, 57.5504,
80.1027

■ 22.0541, 17.2074,
74.1112

■ 66.9314, 69.9458,
81.9254

■ 18.7510, 12.9815,
73.4696

■ 79.2159, 83.9233,
83.9759

■ 16.4182, 9.8432,
72.9868

■ 90.7276, 98.2710,
86.1385

■ 14.9419, 7.6862,
72.6482

■ 14.4101, 6.8560,
72.5160

Harmonies

Analogous

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



33.1474, 37.2766, 78.0843



38.6851, 37.2766, 77.1077



43.8247, 37.2766, 64.9056

Triad

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



38.6851, 37.2766, 77.1077



43.1314, 37.2766, 22.0836



26.0456, 37.2766, 34.2643

Complementary

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



38.6851, 37.2766, 77.1077



60.5046, 65.8965, 37.5489

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.



28.1827, 37.2766, 23.2583



38.6851, 37.2766, 77.1077



37.8157, 37.2766, 17.5568

Square

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



38.6851, 37.2766, 77.1077



46.5692, 37.2766, 32.1940



32.3634, 37.2766, 17.9219



26.2263, 37.2766, 50.3270

Rectangle

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



38.6851, 37.2766, 77.1077



46.1609, 37.2766, 53.4906



32.3634, 37.2766, 17.9219



26.5066, 37.2766, 29.9472

Sweetspot

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



38.6864, 37.2780, 77.1086



79.8745, 82.6637, 106.3536



51.4204, 65.4936, 72.8831



16.6733, 17.2078, 22.6926



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.



38.6864, 37.2780, 77.1086



44.6901, 41.7058, 100.3023



41.7743, 35.6710, 76.6356



13.1357, 13.6105, 17.3225



8.2789, 4.0273, 41.3894



0.6305, 0.3924, 2.8878

Inverse Universe

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



48.3881, 39.9232, 38.8752



59.2745, 46.0391, 42.7469



56.3621, 68.8111, 38.3298



13.8000, 13.7376, 14.7168



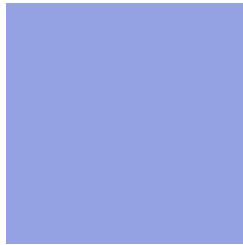
18.1190, 9.3146, 2.0264



1.2845, 0.6571, 0.2910

Previews

White Background



This preview shows how the XYZ color 38.6851, 37.2766, 77.1077 looks on a white background.

Color Contrast Check

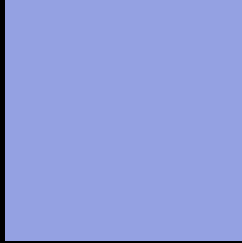
Large Text (above 18pt) WCAG AA × Fail

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 38.6851, 37.2766, 77.1077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

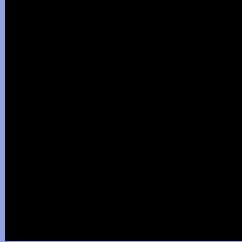
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.6851, 37.2766, 77.1077

Background



This preview shows how black text looks on a background with the XYZ color 38.6851, 37.2766, 77.1077.



This preview shows how white text looks on a background with the XYZ color 38.6851, 37.2766,

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

38.6851, 37.2766, 77.1077

Protanopia

38.4625, 37.4065, 77.8660

Deuteranopia

38.3249, 37.3514, 77.1411



Tritanopia

33.2164, 37.1981, 50.2290

Trichromacy



Original Color

38.6851, 37.2766, 77.1077

Protanomaly

38.6395, 37.4977, 77.8743

Deuteranomaly

38.5019, 37.4426, 77.1494

Tritanomaly

35.1004, 37.1467, 59.3529

Monochromacy



Original Color

38.6851, 37.2766, 77.1077

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.5432, 37.5097, 52.3278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6851, 37.2766, 77.1077 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(148, 161, 226)` looks like.

```
.text, #text, p{  
    color:rgb(148, 161, 226)  
}
```

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(148, 161, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 161, 226) }
```

Border

The CSS property to change the border of an element to XYZ 38.6851, 37.2766, 77.1077 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(148, 161, 226) }
```


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

```
.border{ border-color:rgb(148, 161, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 161, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 161, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 161, 226);  
box-shadow:4px 4px 4px 4px rgb(148, 161,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6851, 37.2766, 77.1077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 161, 226) }
```

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

```
.background{ background-color: rgb(148,  
161, 226) }
```

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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