

Converting Colors

XYZ(36.9251, 33.6124, 88.5461)

Have a look what the booklet for
XYZ(36.9251, 33.6124, 88.5461)
contains.

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Color

**XYZ(36.9251, 33.6124,
88.5461)**

Conversions

Conversions Part 1

Format	Color
Hex	8697F2
RGB	134, 151, 242
RGB Percent	53%, 59%, 95%
CMY	0.4745, 0.4078, 0.0510
CMYK	0.45, 0.38, 0.00, 0.05
HSL	231°, 81%, 74%
HSV	231°, 45%, 95%
XYZ	36.9251, 33.6124, 88.5461
YIQ	156.2910, -39.3430, 24.6970

Conversions

Conversions Part 2

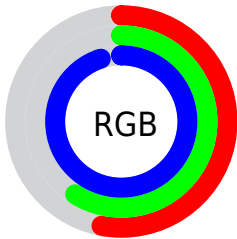
Format	Color
RYB	134, 149, 242
Decimal	8820722
CIELab	64.65, 17.19, -47.62
CIELCh	65, 50.630, 289.848
Yxy	33.6124, 0.2321, 0.2113
Android (android.graphics.Color)	4287010802 (0xFF8697F2)
YUV	156.2910, 42.2545, -19.5492
Hunter-Lab	57.9762, 12.2285, -49.9693

Details

The XYZ color **36.9251, 33.6124, 88.5461** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **67.8475, 74.4505, 33.3503**, and the grayscale version is **31.5607, 33.2043, 36.1595**.

A 20% lighter version of the original color is **61.3672, 61.9590, 103.3326**, and **16.3747, 14.1949, 47.7758** is the 20% darker color. If you saturate the color by 10%, you get **30.4974, 25.8418, 87.3856**, and if you desaturate by 10%, it is **44.8053, 42.9755, 89.9387**.

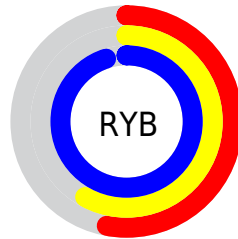
Distribution



Red (53%)

Green (59%)

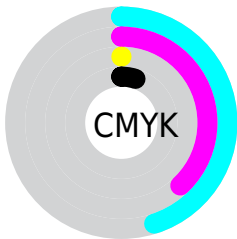
Blue (95%)



Red (53%)

Yellow (58%)

Blue (95%)

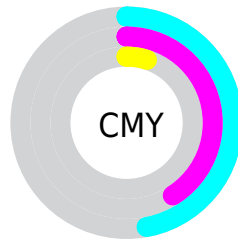


Cyan (45%)

Magenta (38%)

Yellow (0%)

Black (5%)



Cyan (47%)

Magenta (41%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.9251, 33.6124, 88.5461 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 36.9251, 33.6124, 88.5461 by changing the saturation by 10% instead.

■ 36.9251, 33.6124,
88.5461

■ 36.9251, 33.6124,
88.5461

324.3473,
318.4003, 543.7375

■ 25.3229, 22.5960,
66.2085

■ 69.7722, 65.3305,
147.2350

■ 16.4478, 14.2955,
47.9841

■ 91.7477, 86.8009,
184.4234

■ 9.9344, 8.3265,
33.4544

■ 117.9118,
112.5248, 227.3992

■ 5.4174, 4.3045,
22.2008

148.6298,
142.8866, 276.5809

■ 2.5315, 1.8453,
13.8048

184.2669,
178.2707, 332.3871

■ 0.9112, 0.5152,
7.8478

225.1887,

■ 0.0000, 0.0000,

219.0614, 395.2362

3.9114

271.7603,
265.6431, 465.5468

■ 0.0000, 0.0000,
1.5768

■ 0.0000, 0.0000,
0.2742

■ 36.9251, 33.6124,
88.5461

■ 36.9251, 33.6124,
88.5461

■ 30.4974, 25.8418,
87.3856

■ 44.8053, 42.9755,
89.9387

■ 25.4283, 19.5701,
86.4423

■ 54.2166, 54.0101,
91.5725

■ 21.6184, 14.6994,
85.7029

■ 65.2364, 66.7943,
93.4593

■ 18.9526, 11.1183,
85.1522

■ 77.9356, 81.4002,
95.6092

■ 17.2935, 8.6970,
84.7723

■ 92.3791, 97.8949,
98.0318

■ 16.7231, 7.8029,
84.6298

■ 93.0271, 99.1909,
98.2478

Harmonies

Analogous

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



29.5500, 33.6124, 91.7356



36.9251, 33.6124, 88.5461



43.8482, 33.6124, 68.9003

Triad

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



36.9251, 33.6124, 88.5461



41.8198, 33.6124, 13.7576



20.0833, 33.6124, 29.9948

Complementary

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



36.9251, 33.6124, 88.5461



67.8475, 74.4505, 33.3503

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.



22.4222, 33.6124, 16.3995



36.9251, 33.6124, 88.5461



34.4715, 33.6124, 9.6663

Square

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



36.9251, 33.6124, 88.5461



46.9574, 33.6124, 24.6340



27.4388, 33.6124, 10.4043



20.5348, 33.6124, 51.9183

Rectangle

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



36.9251, 33.6124, 88.5461



46.9247, 33.6124, 52.1697



27.4388, 33.6124, 10.4043



20.5536, 33.6124, 24.4816

Sweetspot

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



36.9264, 33.6136, 88.5469



75.6159, 77.7011, 105.6202



55.0393, 73.9554, 81.8960



15.5484, 15.8964, 22.4988



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.



36.9264, 33.6136, 88.5469



34.6553, 29.4803, 98.4715



41.1311, 32.0086, 88.0155



15.0981, 15.6304, 19.9428



9.0467, 4.3177, 45.4845



0.8121, 0.4782, 3.8037

Inverse Universe

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



50.7301, 38.1632, 33.9717



52.2946, 35.9159, 28.5922



61.5099, 78.3482, 34.4366



15.8742, 15.7994, 16.8939



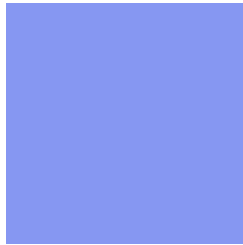
19.8920, 10.2292, 2.0818



1.6849, 0.8630, 0.3313

Previews

White Background



This preview shows how the XYZ color 36.9251, 33.6124, 88.5461 looks on a white background.

Color Contrast Check

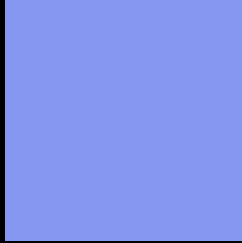
Large Text (above 18pt) WCAG AA × Fail

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 36.9251, 33.6124, 88.5461 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 36.9251, 33.6124, 88.5461

Background



This preview shows how black text looks on a background with the XYZ color 36.9251, 33.6124, 88.5461.



This preview shows how white text looks on a background with the XYZ color 36.9251, 33.6124,

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

36.9251, 33.6124, 88.5461

Protanopia

35.8887, 33.5251, 90.1674

Deuteranopia

34.7051, 33.7052, 87.8957



Tritanopia

28.5138, 33.4783, 47.0786

Trichromacy



Original Color

36.9251, 33.6124, 88.5461

Protanomaly

36.1583, 33.4396, 89.3428

Deuteranomaly

35.3179, 33.5270, 87.8290

Tritanomaly

31.1091, 33.2243, 60.0316

Monochromacy



Original Color

36.9251, 33.6124, 88.5461

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.7380, 32.9950, 51.6569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9251, 33.6124, 88.5461 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(134, 151, 242)` looks like.

```
.text, #text, p{  
    color:rgb(134, 151, 242)  
}
```

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(134, 151, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 151, 242) }
```

Border

The CSS property to change the border of an element to XYZ 36.9251, 33.6124, 88.5461 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(134, 151, 242) }
```


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

```
.border{ border-color:rgb(134, 151, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 151, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 151, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 151, 242);  
box-shadow:4px 4px 4px 4px rgb(134, 151,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9251, 33.6124, 88.5461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 151, 242) }
```

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

```
.background{ background-color: rgb(134,  
151, 242) }
```

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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