

Converting Colors

XYZ(36.1092, 30.3274, 98.5584)

Have a look what the booklet for
XYZ(36.1092, 30.3274, 98.5584)
contains.

XYZ(36.0350, 30.1973, 98.5371)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.0350, 30.1973,
98.5371)**

Conversions

Conversions Part 1

Format	Color
Hex	7F8BFF
RGB	127, 139, 255
RGB Percent	50%, 55%, 100%
CMY	0.5019, 0.4549, 0.0000
CMYK	0.50, 0.45, 0.00, 0.00
HSL	234°, 100%, 75%
HSV	234°, 50%, 100%
XYZ	36.0350, 30.1973, 98.5371
YIQ	148.6360, -44.3880, 33.5320

Conversions

Conversions Part 2

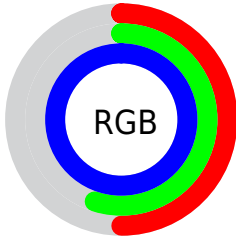
Format	Color
RYB	127, 138, 255
Decimal	8358911
CIELab	61.82, 26.43, -59.27
CIElCh	62, 64.900, 294.033
Yxy	30.1973, 0.2187, 0.1833
Android (android.graphics.Color)	4286548991 (0xFF7F8BFF)
YUV	148.6360, 52.4375, -18.9748
Hunter-Lab	54.9521, 20.8858, -67.8492

Details

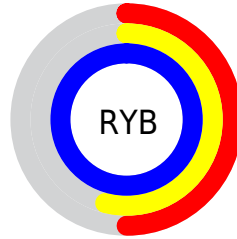
The XYZ color **36.0350, 30.1973, 98.5371** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **77.1229, 86.8959, 32.7884**, and the grayscale version is **28.2159, 29.6853, 32.3273**.

A 20% lighter version of the original color is **57.1493, 55.3584, 102.2809**, and **15.9454, 12.3458, 54.9686** is the 20% darker color. If you saturate the color by 10%, you get **29.7066, 22.4819, 97.3815**, and if you desaturate by 10%, it is **44.0338, 39.8244, 99.9738**.

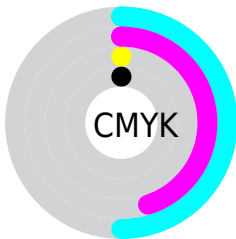
Distribution



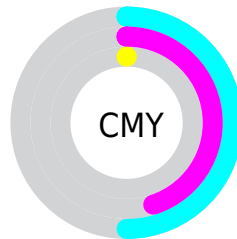
- Red (50%)
- Green (55%)
- Blue (100%)



- Red (50%)
- Yellow (54%)
- Blue (100%)



- Cyan (50%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0350, 30.1973, 98.5371 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 36.0350, 30.1973, 98.5371 by changing the saturation by 10% instead.

■ 36.0350, 30.1973,
98.5371

■ 36.0350, 30.1973,
98.5371

320.5421,
302.8230, 576.6988

■ 24.6315, 19.9884,
74.4693

■ 68.4096, 59.9741,
161.1797

■ 15.9300, 12.3866,
54.6791

■ 90.1114, 80.3107,
200.5915

■ 9.5651, 7.0075,
38.7480

■ 115.9766,
104.7920, 245.9552

■ 5.1716, 3.4668,
26.2574

146.3707,
133.8025, 297.6891

■ 2.3841, 1.3800,
16.7888

181.6589,
167.7264, 356.2119

■ 0.8372, 0.2019,
9.9237

222.2066,

■ 0.0000, 0.0000,

206.9482, 421.9421

5.2434

268.3792,
251.8523, 495.2982

■ 0.0000, 0.0000,
2.3296

■ 0.0000, 0.0000,
0.7477

■ 36.0350, 30.1973,
98.5371

■ 36.0350, 30.1973,
98.5371

■ 29.7066, 22.4819,
97.3815

■ 44.0338, 39.8244,
99.9738

■ 24.9262, 16.5472,
96.4879

■ 53.8068, 51.4765,
101.7078

■ 21.5602, 12.2504,
95.8360

■ 65.4535, 65.2614,
103.7547

■ 19.4501, 9.4249,
95.4018

■ 79.0647, 81.2785,
106.1289

■ 18.3746, 7.8691,
95.1582

94.7256, 99.6209,
108.8439

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



27.0046, 30.1973, 106.8191



36.0350, 30.1973, 98.5371



44.4063, 30.1973, 69.6142

Triad

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



36.0350, 30.1973, 98.5371



39.6395, 30.1973, 7.4091



15.1166, 30.1973, 28.1656

Complementary

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



36.0350, 30.1973, 98.5371



77.1229, 86.8959, 32.7884

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.



17.2196, 30.1973, 12.0652



36.0350, 30.1973, 98.5371



30.4683, 30.1973, 4.5948

Square

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



36.0350, 30.1973, 98.5371



46.7632, 30.1973, 17.0252



22.4375, 30.1973, 5.7202



16.0169, 30.1973, 56.3897

Rectangle

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



36.0350, 30.1973, 98.5371



47.8819, 30.1973, 47.8272



22.4375, 30.1973, 5.7202



15.4798, 30.1973, 21.4245

Sweetspot

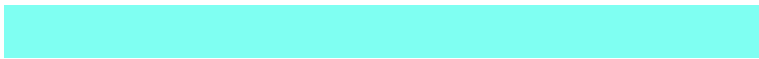
The Sweet Spot groups the original color and five complimentary colors.



36.0361, 30.1983, 98.5373



72.2722, 73.2958, 104.9461



60.5704, 82.4553, 96.8855



14.8630, 14.9746, 22.3570



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.



36.0361, 30.1983, 98.5373



29.8141, 22.6141, 97.4013



44.0469, 31.8893, 98.4415



17.1399, 17.6514, 22.7536



9.6466, 4.2028, 49.7374



0.9832, 0.4970, 4.8574

Inverse Universe

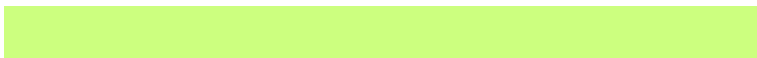
The Inverse Universe completely reimagines the original color for something new.



53.4905, 38.3044, 29.0011



49.1636, 32.0316, 20.2184



64.4388, 85.8619, 33.2573



18.0785, 18.0147, 19.0306



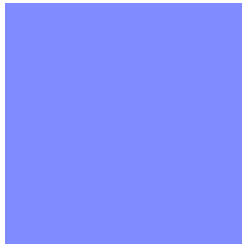
21.6574, 11.1522, 1.5802



2.1309, 1.0947, 0.2706

Previews

White Background



This preview shows how the XYZ color 36.0350, 30.1973, 98.5371 looks on a white background.

Color Contrast Check

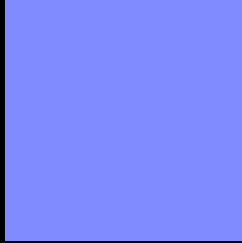
Large Text (above 18pt) WCAG AA × Fail

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 36.0350, 30.1973, 98.5371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

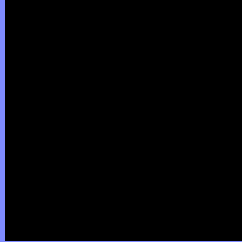
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.0350, 30.1973, 98.5371

Background



This preview shows how black text looks on a background with the XYZ color 36.0350, 30.1973, 98.5371.



This preview shows how white text looks on a background with the XYZ color 36.0350, 30.1973,

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

36.0350, 30.1973, 98.5371

Protanopia

33.5422, 30.2375, 98.6763

Deuteranopia

31.3787, 30.3368, 96.2972



Tritanopia

24.9444, 30.1607, 43.0350

Trichromacy



Original Color

36.0350, 30.1973, 98.5371

Protanomaly

34.3029, 30.1799, 98.6251

Deuteranomaly

32.6246, 30.0293, 97.0052

Tritanomaly

28.1577, 29.7125, 60.1281

Monochromacy



Original Color

36.0350, 30.1973, 98.5371

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.1870, 29.5444, 51.6886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0350, 30.1973, 98.5371 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, 139, 255)` looks like.

```
.text, #text, p{  
    color:rgb(127, 139, 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(127, 139, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 139, 255) }
```

Border

The CSS property to change the border of an element to XYZ 36.0350, 30.1973, 98.5371 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, 139, 255) }
```


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

```
.border{ border-color:rgb(127, 139, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 139, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 139, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 139, 255);  
box-shadow:4px 4px 4px 4px rgb(127, 139,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0350, 30.1973, 98.5371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 139, 255) }
```

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

```
.background{ background-color: rgb(127,  
139, 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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