

Converting Colors

XYZ(37.3622, 29.0357, 98.2430)

Have a look what the booklet for
XYZ(37.3622, 29.0357, 98.2430)
contains.

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Color

**XYZ(37.3603, 29.0249,
98.2410)**

Conversions

Conversions Part 1

Format	Color
Hex	8F82FF
RGB	143, 130, 255
RGB Percent	56%, 51%, 100%
CMY	0.4392, 0.4902, 0.0000
CMYK	0.44, 0.49, 0.00, 0.00
HSL	246°, 100%, 75%
HSV	246°, 49%, 100%
XYZ	37.3603, 29.0249, 98.2410
YIQ	148.1370, -32.3770, 41.6310

Conversions

Conversions Part 2

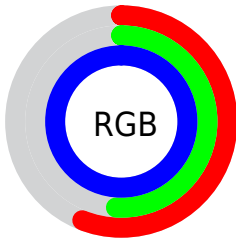
Format	Color
R_{YB}	143, 130, 255
Decimal	9405183
CIE _{Lab}	60.80, 35.21, -60.84
CIE _{LCh}	61, 70.296, 300.062
Yxy	29.0249, 0.2269, 0.1763
Android (android.graphics.Color)	4287595263 (0xFF8F82FF)
YUV	148.1370, 52.6835, -4.5051
Hunter-Lab	53.8748, 29.5028, -70.4034

Details

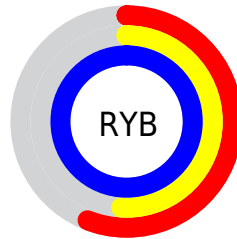
The XYZ color **37.3603, 29.0249, 98.2410** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **76.4064, 92.0085, 34.8521**, and the grayscale version is **28.0033, 29.4617, 32.0837**.

A 20% lighter version of the original color is **59.3406, 53.6435, 101.8344**, and **16.6029, 11.6534, 54.1976** is the 20% darker color. If you saturate the color by 10%, you get **30.8186, 21.2263, 97.0805**, and if you desaturate by 10%, it is **45.5500, 38.9211, 99.7195**.

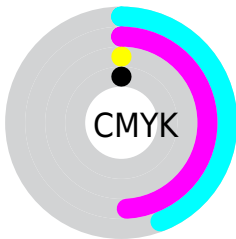
Distribution



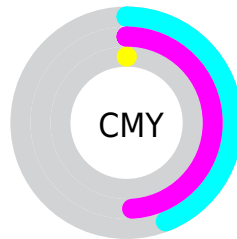
- Red (56%)
- Green (51%)
- Blue (100%)



- Red (56%)
- Yellow (51%)
- Blue (100%)



- Cyan (44%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)




- Cyan (44%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.3603, 29.0249, 98.2410 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 37.3603, 29.0249, 98.2410 by changing the saturation by 10% instead.


 37.3603, 29.0249,
98.2410

 37.3603, 29.0249,
98.2410


326.1963,
297.3324, 575.7367

 25.6615, 19.0997,
74.2237

 70.4368, 58.1166,
160.7685

 16.7020, 11.7423,
54.4792


 92.5453, 78.0519,
200.1158

 10.1162, 6.5685,
38.5891


 118.8544,
102.0927, 245.4102

 5.5389, 3.1937,
26.1349

149.7294,
130.6233, 297.0701

 2.6048, 1.2337,
16.6979

185.5358,
164.0282, 355.5142

 0.9484, 0.0890,
9.8597

226.6388,

 0.0000, 0.0000,

202.6918, 421.1610

5.2016

273.4039,
246.9984, 494.4290

■ 0.0000, 0.0000,
2.3052

■ 0.0000, 0.0000,
0.7342

■ 37.3603, 29.0249,
98.2410

■ 37.3603, 29.0249,
98.2410

■ 30.8186, 21.2263,
97.0805

■ 45.5500, 38.9211,
99.7195

■ 25.8090, 15.3707,
96.2143

■ 55.4861, 51.0490,
101.5367

■ 22.2059, 11.2865,
95.6159

■ 67.2633, 65.5345,
103.7120

■ 19.8618, 8.7705,
95.2538

■ 80.9684, 82.4936,
106.2631

■ 18.5773, 7.5322,
95.0825

95.0500, 100.0000,
108.9000

■ 18.4896, 7.4466,
95.0706

Harmonies

Analogous

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



27.6064, 29.0249, 113.3785



37.3603, 29.0249, 98.2410



45.7902, 29.0249, 63.9628

Triad

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



37.3603, 29.0249, 98.2410



37.3199, 29.0249, 4.9758



13.4811, 29.0249, 31.6578

Complementary

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



37.3603, 29.0249, 98.2410



76.4064, 92.0085, 34.8521

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.



14.9888, 29.0249, 12.5523



37.3603, 29.0249, 98.2410



27.5682, 29.0249, 3.2633

Square

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



37.3603, 29.0249, 98.2410



45.7635, 29.0249, 12.5012



19.6871, 29.0249, 4.9918



15.0015, 29.0249, 64.1143

Rectangle

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



37.3603, 29.0249, 98.2410



48.7703, 29.0249, 41.1091



19.6871, 29.0249, 4.9918



13.6453, 29.0249, 23.6887

Sweetspot

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



37.3614, 29.0258, 98.2411



72.5348, 72.0466, 104.6911



59.1574, 75.7684, 106.1146



14.9252, 14.6790, 22.2966



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.



37.3614, 29.0258, 98.2411



30.8294, 21.2391, 97.0824



51.2099, 36.1650, 98.8892



17.1783, 17.4681, 22.7162



9.7179, 3.9202, 49.6791



1.0013, 0.4101, 4.8397

Inverse Universe

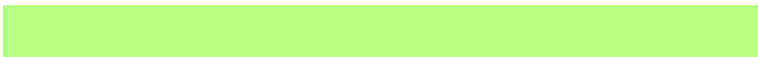
The Inverse Universe completely reimagines the original color for something new.



65.2495, 43.6364, 88.9858



61.8775, 37.5244, 85.9140



58.6121, 82.8352, 34.0194



18.7064, 18.2659, 22.3372



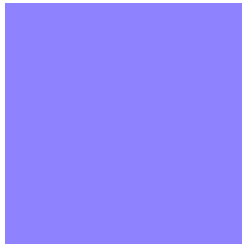
28.9334, 14.0627, 39.8953



2.8396, 1.3782, 4.0028

Previews

White Background



This preview shows how the XYZ color 37.3603, 29.0249, 98.2410 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 37.3603, 29.0249, 98.2410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

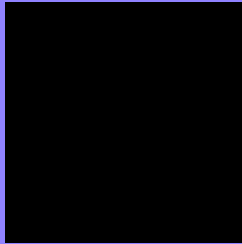
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.3603, 29.0249, 98.2410

Background



This preview shows how black text looks on a background with the XYZ color 37.3603, 29.0249, 98.2410.



This preview shows how white text looks on a background with the XYZ color 37.3603, 29.0249,

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

37.3603, 29.0249, 98.2410

Protanopia

32.5918, 29.2978, 98.5450

Deuteranopia

30.3172, 29.3381, 95.3317



Tritanopia

25.5368, 29.0587, 39.3849

Trichromacy



Original Color

37.3603, 29.0249, 98.2410

Protanomaly

33.8206, 28.8417, 98.3922

Deuteranomaly

31.8149, 28.5109, 95.9218

Tritanomaly

28.9534, 28.5669, 56.8113

Monochromacy



Original Color

37.3603, 29.0249, 98.2410

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.3486, 28.7486, 50.9632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3603, 29.0249, 98.2410 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, 130, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 130, 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, 130, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 130, 255) }
```

Border

The CSS property to change the border of an element to XYZ 37.3603, 29.0249, 98.2410 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, 130, 255) }
```


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

```
.border{ border-color:rgb(143, 130, 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, 130, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 130, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 130, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 130,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3603, 29.0249, 98.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 130, 255) }
```

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

```
.background{ background-color: rgb(143,  
130, 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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