

Converting Colors

XYZ(37.5452, 32.7363, 79.2028)

Have a look what the booklet for
XYZ(37.5452, 32.7363, 79.2028)
contains.

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Color

**XYZ(37.5452, 32.7363,
79.2028)**

Conversions

Conversions Part 1

Format	Color
Hex	9991E6
RGB	153, 145, 230
RGB Percent	60%, 57%, 90%
CMY	0.4000, 0.4314, 0.0980
CMYK	0.33, 0.37, 0.00, 0.10
HSL	246°, 63%, 74%
HSV	246°, 37%, 90%
XYZ	37.5452, 32.7363, 79.2028
YIQ	157.0820, -22.5170, 28.1310

Conversions

Conversions Part 2

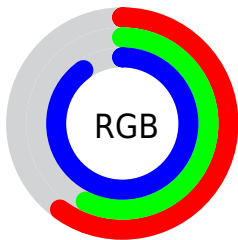
Format	Color
R _Y B	153, 145, 230
Decimal	10064358
CIE Lab	63.95, 22.27, -42.03
CIE LCh	64, 47.565, 297.916
Yxy	32.7363, 0.2512, 0.2190
Android (android.graphics.Color)	4288254438 (0xFF9991E6)
YUV	157.0820, 35.9486, -3.5799
Hunter-Lab	57.2156, 17.0052, -42.0233

Details

The XYZ color **37.5452, 32.7363, 79.2028** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **63.5324, 74.1682, 37.7566**, and the grayscale version is **31.9364, 33.5995, 36.5899**.

A 20% lighter version of the original color is **64.7679, 61.6222, 103.0884**, and **16.8778, 13.8931, 41.8365** is the 20% darker color. If you saturate the color by 10%, you get **30.7850, 24.5521, 77.9800**, and if you desaturate by 10%, it is **45.7058, 42.6997, 80.6964**.

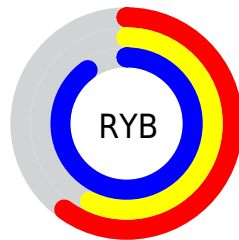
Distribution



Red (60%)

Green (57%)

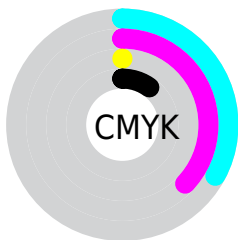
Blue (90%)



Red (60%)

Yellow (57%)

Blue (90%)

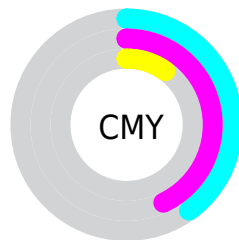


Cyan (33%)

Magenta (37%)

Yellow (0%)

Black (10%)



Cyan (40%)

Magenta (43%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5452, 32.7363, 79.2028 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 37.5452, 32.7363, 79.2028 by changing the saturation by 10% instead.

■ 37.5452, 32.7363,
79.2028

■ 37.5452, 32.7363,
79.2028

326.9796,
314.4598, 511.8779

■ 25.8055, 21.9245,
58.5403

■ 70.7189, 63.9636,
134.0456

■ 16.8101, 13.8014,
41.8256

■ 92.8836, 85.1479,
169.0629

■ 10.1937, 7.9827,
28.6402

119.2541,
110.5585, 209.7022

■ 5.5908, 4.0839,
18.5656

150.1956,
140.5798, 256.3821

■ 2.6362, 1.7206,
11.1832

186.0736,
175.5962, 309.5211

■ 0.9644, 0.4369,
6.0745

227.2533,

■ 0.0000, 0.0000,

215.9921, 369.5377

2.8209

274.1002,
262.1518, 436.8504

■ 0.0000, 0.0000,
1.0039

■ 0.0000, 0.0000,
0.0000

■ 37.5452, 32.7363,
79.2028

■ 37.5452, 32.7363,
79.2028

■ 30.7850, 24.5521,
77.9800

■ 45.7058, 42.6997,
80.6964

■ 25.3427, 18.0386,
77.0096

■ 55.3360, 54.5349,
82.4733

■ 21.1327, 13.0812,
76.2746

■ 66.5044, 68.3322,
84.5478

■ 18.0578, 9.5492,
75.7549

■ 79.2746, 84.1753,
86.9327

■ 16.0057, 7.2906,
75.4271

■ 91.2830, 98.4932,
89.0635

■ 14.8377, 6.1120,
75.2612

■ 14.6062, 5.8798,
75.2286

Harmonies

Analogous

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



30.6487, 32.7363, 86.6975



37.5452, 32.7363, 79.2028



43.3578, 32.7363, 59.0559

Triad

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



37.5452, 32.7363, 79.2028



38.4725, 32.7363, 12.6301



19.9335, 32.7363, 34.3192

Complementary

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



37.5452, 32.7363, 79.2028



63.5324, 74.1682, 37.7566

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.



21.4253, 32.7363, 19.4175



37.5452, 32.7363, 79.2028



31.5858, 32.7363, 10.0235

Square

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



37.5452, 32.7363, 79.2028



43.9450, 32.7363, 21.0094



25.4642, 32.7363, 11.9700



21.0620, 32.7363, 55.8611

Rectangle

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



37.5452, 32.7363, 79.2028



45.4907, 32.7363, 43.9405



25.4642, 32.7363, 11.9700



20.1400, 32.7363, 28.4641

Sweetspot

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



37.5464, 32.7375, 79.2036



78.0072, 78.8861, 105.7229



52.3263, 64.4646, 84.5485



16.2837, 16.3746, 22.5523



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.



37.5464, 32.7375, 79.2036



41.0475, 33.6124, 98.9321



46.8075, 37.5118, 79.6370



13.7080, 13.9517, 18.1148



8.3138, 3.3518, 42.5920



0.6576, 0.2700, 3.1494

Inverse Universe

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



55.9441, 42.3488, 74.3330



67.4284, 47.4033, 91.5339



52.3281, 68.3921, 37.2323



14.9335, 14.5906, 17.8504



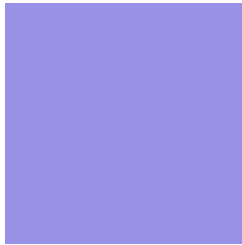
24.9699, 12.1222, 35.0659



1.8623, 0.9026, 2.6815

Previews

White Background



This preview shows how the XYZ color 37.5452, 32.7363, 79.2028 looks on a white background.

Color Contrast Check

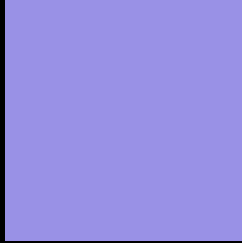
Large Text (above 18pt) WCAG AA × Fail

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 37.5452, 32.7363, 79.2028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

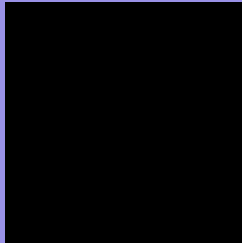
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.5452, 32.7363, 79.2028

Background



This preview shows how black text looks on a background with the XYZ color 37.5452, 32.7363, 79.2028.



This preview shows how white text looks on a background with the XYZ color 37.5452, 32.7363,

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

37.5452, 32.7363, 79.2028

Protanopia

34.8260, 32.8726, 83.8664

Deuteranopia

33.7276, 32.9236, 77.9760



Tritanopia

30.1279, 32.5917, 42.7331

Trichromacy



Original Color

37.5452, 32.7363, 79.2028

Protanomaly

35.5904, 32.5863, 82.2559

Deuteranomaly

35.0410, 32.8587, 78.6242

Tritanomaly

32.5827, 32.6080, 54.4458

Monochromacy



Original Color

37.5452, 32.7363, 79.2028

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.7533, 33.3111, 49.9981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5452, 32.7363, 79.2028 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(153, 145, 230)` looks like.

```
.text, #text, p{  
    color:rgb(153, 145, 230)  
}
```

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(153, 145, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 145, 230) }
```

Border

The CSS property to change the border of an element to XYZ 37.5452, 32.7363, 79.2028 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(153, 145, 230) }
```


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

```
.border{ border-color:rgb(153, 145, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 145, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 145, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 145, 230);  
box-shadow:4px 4px 4px 4px rgb(153, 145,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5452, 32.7363, 79.2028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 145, 230) }
```

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

```
.background{ background-color: rgb(153,  
145, 230) }
```

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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