

Converting Colors

XYZ(35.1237, 32.4179, 66.7447)

Have a look what the booklet for
XYZ(35.1237, 32.4179, 66.7447)
contains.

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Color

**XYZ(35.0512, 32.4173,
66.6971)**

Conversions

Conversions Part 1

Format	Color
Hex	9694D4
RGB	150, 148, 212
RGB Percent	59%, 58%, 83%
CMY	0.4118, 0.4196, 0.1686
CMYK	0.29, 0.30, 0.00, 0.17
HSL	242°, 43%, 71%
HSV	242°, 30%, 83%
XYZ	35.0512, 32.4173, 66.6971
YIQ	155.8940, -19.3520, 20.3280

Conversions

Conversions Part 2

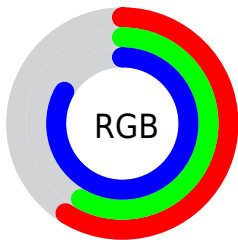
Format	Color
RYB	150, 148, 212
Decimal	9868500
CIELab	63.69, 15.08, -32.47
CIELCh	64, 35.797, 294.917
Yxy	32.4173, 0.2613, 0.2416
Android (android.graphics.Color)	4288058580 (0xFF9694D4)
YUV	155.8940, 27.6603, -5.1690
Hunter-Lab	56.9362, 10.2503, -29.5991

Details

The XYZ color **35.0512, 32.4173, 66.6971** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **55.4680, 62.9274, 37.2410**, and the grayscale version is **31.4404, 33.0777, 36.0216**.

A 20% lighter version of the original color is **64.3474, 62.4402, 103.2684**, and **15.2903, 13.5251, 33.7030** is the 20% darker color. If you saturate the color by 10%, you get **28.5718, 24.5850, 65.5274**, and if you desaturate by 10%, it is **42.8042, 41.8115, 68.1023**.

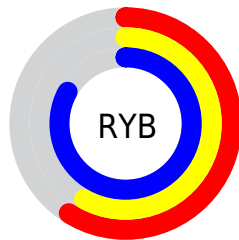
Distribution



Red (59%)

Green (58%)

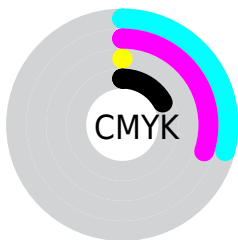
Blue (83%)



Red (59%)

Yellow (58%)

Blue (83%)

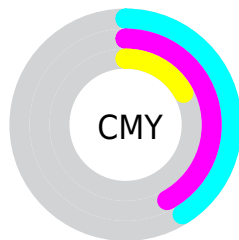


Cyan (29%)

Magenta (30%)

Yellow (0%)

Black (17%)



Cyan (41%)

Magenta (42%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0512, 32.4173, 66.6971 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 35.0512, 32.4173, 66.6971 by changing the saturation by 10% instead.

■ 35.0512, 32.4173,
66.6971

■ 35.0512, 32.4173,
66.6971

316.2983,
313.0158, 467.3379

■ 23.8690, 21.6804,
48.3785

■ 66.8986, 63.4647,
116.1228

■ 15.3607, 13.6223,
33.7646

■ 88.2945, 84.5441,
148.0669

■ 9.1609, 7.8584,
22.4369

113.8257,
109.8397, 185.3900

■ 4.9042, 4.0045,
13.9769

143.8575,
139.7360, 228.5105

■ 2.2254, 1.6761,
7.9660

178.7553,
174.6173, 277.8470

■ 0.7560, 0.4081,
3.9858

218.8845,

■ 0.0000, 0.0000,

214.8682, 333.8181

1.6175

264.6104,
260.8729, 396.8422

■ 0.0000, 0.0000,
0.3033

■ 0.0000, 0.0000,
0.0000

■ 35.0512, 32.4173,
66.6971

■ 35.0512, 32.4173,
66.6971

■ 28.5718, 24.5850,
65.5274

■ 42.8042, 41.8115,
68.1023

■ 23.2947, 18.2265,
64.5782

■ 51.8902, 52.8419,
69.7525

■ 19.1469, 13.2506,
63.8364

■ 62.3690, 65.5824,
71.6594

■ 16.0461, 9.5546,
63.2864

■ 74.2956, 80.1016,
73.8333

■ 13.8986, 7.0215,
62.9106

■ 87.7224, 96.4641,
76.2839

■ 12.5944, 5.5126,
62.6881

■ 88.8838, 97.5335,
76.4291

■ 11.9667, 4.7962,
62.5830

Harmonies

Analogous

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



29.9660, 32.4173, 70.5276



35.0512, 32.4173, 66.6971



39.3865, 32.4173, 53.6479

Triad

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



35.0512, 32.4173, 66.6971



36.6870, 32.4173, 17.1912



22.1776, 32.4173, 32.9085

Complementary

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



35.0512, 32.4173, 66.6971



55.4680, 62.9274, 37.2410

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.



23.5815, 32.4173, 21.6955



35.0512, 32.4173, 66.6971



31.6731, 32.4173, 14.3306

Square

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



35.0512, 32.4173, 66.6971



40.4004, 32.4173, 24.9024



26.9286, 32.4173, 15.7220



22.8746, 32.4173, 48.2434

Rectangle

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



35.0512, 32.4173, 66.6971



41.0808, 32.4173, 42.9740



26.9286, 32.4173, 15.7220



22.4146, 32.4173, 28.5933

Sweetspot

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



35.0523, 32.4186, 66.6979



80.4489, 82.2458, 106.2427



47.3750, 57.6055, 70.9100



16.7498, 17.0335, 22.6549



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.



35.0523, 32.4186, 66.6979



46.9229, 41.5998, 100.1642



41.5463, 35.7663, 67.0018



11.7781, 12.0270, 15.6382



7.4032, 2.9690, 38.6360



0.4594, 0.1857, 2.3309

Inverse Universe

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



49.3750, 39.8312, 66.0595



71.9643, 54.5621, 98.9437



47.4647, 58.8016, 36.8665



12.9355, 12.6257, 15.6005



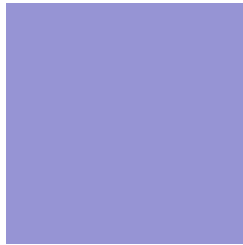
23.6002, 11.3764, 36.7942



1.4288, 0.6883, 2.2476

Previews

White Background



This preview shows how the XYZ color 35.0512, 32.4173, 66.6971 looks on a white background.

Color Contrast Check

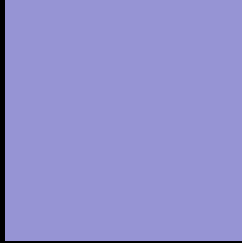
Large Text (above 18pt) WCAG AA × Fail

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 35.0512, 32.4173, 66.6971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

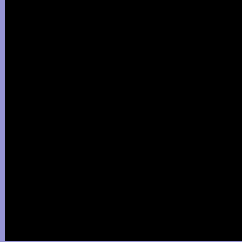
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.0512, 32.4173, 66.6971

Background



This preview shows how black text looks on a background with the XYZ color 35.0512, 32.4173, 66.6971.



This preview shows how white text looks on a background with the XYZ color 35.0512, 32.4173,

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

35.0512, 32.4173, 66.6971

Protanopia

33.4857, 32.5137, 68.8009

Deuteranopia

33.3026, 32.4780, 66.1417



Tritanopia

30.0344, 32.3042, 42.1885

Trichromacy



Original Color

35.0512, 32.4173, 66.6971

Protanomaly

34.0194, 32.5637, 68.1107

Deuteranomaly

33.9798, 32.5871, 66.1270

Tritanomaly

31.6498, 32.2145, 50.4488

Monochromacy



Original Color

35.0512, 32.4173, 66.6971

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.5541, 32.7871, 45.6870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0512, 32.4173, 66.6971 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(150, 148, 212)` looks like.

```
.text, #text, p{  
    color:rgb(150, 148, 212)  
}
```

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(150, 148, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 148, 212) }
```

Border

The CSS property to change the border of an element to XYZ 35.0512, 32.4173, 66.6971 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(150, 148, 212) }
```


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

```
.border{ border-color:rgb(150, 148, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 148, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 148, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 148, 212);  
box-shadow:4px 4px 4px 4px rgb(150, 148,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0512, 32.4173, 66.6971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 148, 212) }
```

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

```
.background{ background-color: rgb(150,  
148, 212) }
```

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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