

Converting Colors

XYZ(35.1389, 32.8017, 48.0181)

Have a look what the booklet for
XYZ(35.1389, 32.8017, 48.0181)
contains.

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Color

**XYZ(35.2926, 32.9510,
48.2161)**

Conversions

Conversions Part 1

Format	Color
Hex	A994B5
RGB	169, 148, 181
RGB Percent	66%, 58%, 71%
CMY	0.3372, 0.4196, 0.2902
CMYK	0.07, 0.18, 0.00, 0.29
HSL	278°, 18%, 65%
HSV	278°, 18%, 71%
XYZ	35.2926, 32.9510, 48.2161
YIQ	158.0410, 1.9230, 14.7150

Conversions

Conversions Part 2

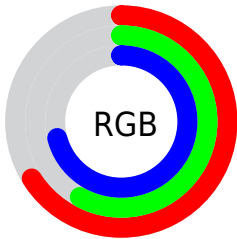
Format	Color
R_{YB}	169, 148, 181
Decimal	11113653
CIE _{Lab}	64.12, 14.03, -14.30
CIE _{LCh}	64, 20.034, 314.444
Yxy	32.9510, 0.3030, 0.2829
Android (android.graphics.Color)	4289303733 (0xFFA994B5)
YUV	158.0410, 11.3188, 9.6110
Hunter-Lab	57.4030, 9.2905, -9.6191

Details

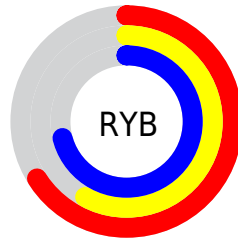
The XYZ color **35.2926, 32.9510, 48.2161** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **36.3674, 42.6602, 34.3360**, and the grayscale version is **32.4685, 34.1594, 37.1996**.

A 20% lighter version of the original color is **67.1471, 64.2028, 88.9741**, and **15.5071, 13.8898, 22.2858** is the 20% darker color. If you saturate the color by 10%, you get **31.2961, 27.0013, 47.2788**, and if you desaturate by 10%, it is **39.8062, 39.8281, 49.3061**.

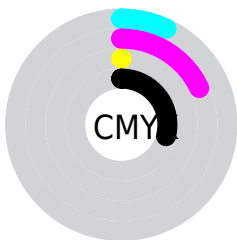
Distribution



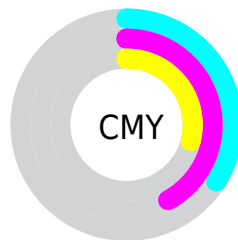
- Red (66%)
- Green (58%)
- Blue (71%)



- Red (66%)
- Yellow (58%)
- Blue (71%)



- Cyan (7%)
- Magenta (18%)
- Yellow (0%)
- Black (29%)





- Cyan (34%)
- Magenta (42%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2926, 32.9510, 48.2161 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 35.2926, 32.9510, 48.2161 by changing the saturation by 10% instead.


 35.2926, 32.9510,
48.2161


 35.2926, 32.9510,
48.2161

317.3434,
315.4289, 396.1814

 24.0559, 22.0889,
33.6368

 67.2698, 64.2990,
88.8950

 15.5001, 13.9222,
22.3397


 88.7411, 85.5537,
115.8317

 9.2597, 8.0666,
13.9060


114.3546,
111.0415, 147.7246

 4.9694, 4.1376,
7.9173

144.4758,
141.1466, 184.9923

 2.2639, 1.7508,
3.9551

179.4699,
176.2535, 228.0532

 0.7761, 0.4562,
1.6007

219.7023,

 0.0000, 0.0000,

216.7466, 277.3261

0.2913

265.5383,
263.0102, 333.2293

■ 0.0000, 0.0000,
0.0000

■ 35.2926, 32.9510,
48.2161

■ 35.2926, 32.9510,
48.2161

■ 31.2961, 27.0013,
47.2788

■ 39.8062, 39.8281,
49.3061

■ 27.7920, 21.9330,
46.4852

■ 44.8540, 47.6672,
50.5532

■ 24.7581, 17.7026,
45.8286

■ 50.4562, 56.5067,
51.9641

■ 22.1690, 14.2612,
45.3008

■ 56.6309, 66.3811,
53.5446

■ 19.9969, 11.5544,
44.8928

■ 63.3953, 77.3235,
55.3002

■ 18.2103, 9.5210,
44.5945

■ 70.2520, 88.3378,
57.0648

■ 16.7724, 8.0894,
44.3940

■ 72.1471, 89.3148,
57.1535

■ 15.6238, 7.1425,
44.2717

■ 74.1200, 90.3318,
57.2458

■ 15.4346, 6.9933,
44.2529

■ 76.1716, 91.3894,
57.3418

Harmonies

Analogous

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



32.6983, 32.9510, 53.2169



35.2926, 32.9510, 48.2161



36.8687, 32.9510, 40.2291

Triad

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



35.2926, 32.9510, 48.2161



32.8035, 32.9510, 22.8432



26.3317, 32.9510, 39.9143

Complementary

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



35.2926, 32.9510, 48.2161



36.3674, 42.6602, 34.3360

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.



26.3561, 32.9510, 31.8526



35.2926, 32.9510, 48.2161



29.9789, 32.9510, 22.7852

Square

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



35.2926, 32.9510, 48.2161



35.3736, 32.9510, 26.0202



27.6553, 32.9510, 25.8477



27.5866, 32.9510, 47.9559

Rectangle

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



35.2926, 32.9510, 48.2161



37.0734, 32.9510, 34.6820



27.6553, 32.9510, 25.8477



26.1930, 32.9510, 37.1013

Sweetspot

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



35.2936, 32.9524, 48.2168



74.0312, 75.5594, 88.9772



33.1426, 34.8097, 48.6887



15.8690, 16.1272, 19.1987



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.2936, 32.9524, 48.2168



60.1378, 54.4104, 85.6273



37.5429, 34.1633, 46.0024



8.5444, 8.4892, 10.6946



10.7182, 4.8612, 30.5104



0.3985, 0.1845, 0.9629

Inverse Universe

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



35.9922, 33.5430, 37.8365



61.6919, 55.7089, 63.2274



34.4381, 41.6246, 36.0985



8.6198, 8.5547, 9.4965



13.8418, 7.0543, 4.3272



0.4641, 0.2334, 0.2869

Previews

White Background



This preview shows how the XYZ color 35.2926, 32.9510, 48.2161 looks on a white background.

Color Contrast Check

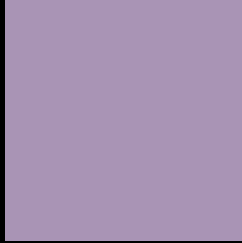
Large Text (above 18pt) WCAG AA × Fail

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 35.2926, 32.9510, 48.2161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

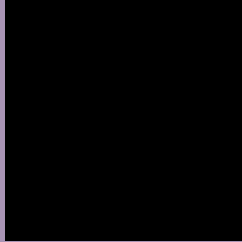
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.2926, 32.9510, 48.2161

Background



This preview shows how black text looks on a background with the XYZ color 35.2926, 32.9510, 48.2161.



This preview shows how white text looks on a background with the XYZ color 35.2926, 32.9510,

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

35.2926, 32.9510, 48.2161

Protanopia

32.7070, 33.0035, 50.5454

Deuteranopia

33.7645, 33.1227, 47.7938



Tritanopia

33.4034, 32.8846, 39.2371

Trichromacy



Original Color

35.2926, 32.9510, 48.2161

Protanomaly

33.5903, 32.9851, 49.9438

Deuteranomaly

34.4091, 33.2150, 47.7776

Tritanomaly

34.0984, 32.9305, 42.5892

Monochromacy



Original Color

35.2926, 32.9510, 48.2161

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.3388, 33.5458, 40.7942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2926, 32.9510, 48.2161 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(169, 148, 181)` looks like.

```
.text, #text, p{  
    color:rgb(169, 148, 181)  
}
```

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(169, 148, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 148, 181) }
```

Border

The CSS property to change the border of an element to XYZ 35.2926, 32.9510, 48.2161 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(169, 148, 181) }
```


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

```
.border{ border-color:rgb(169, 148, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 148, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 148, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 148, 181);  
box-shadow:4px 4px 4px 4px rgb(169, 148,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2926, 32.9510, 48.2161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 148, 181) }
```

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

```
.background{ background-color: rgb(169,  
148, 181) }
```

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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