

Converting Colors

XYZ(32.9475, 24.9647, 46.8996)

Have a look what the booklet for
XYZ(32.9475, 24.9647, 46.8996)
contains.

XYZ(32.9482, 24.9545, 46.7962)	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(32.9482, 24.9545,
46.7962)**

Conversions

Conversions Part 1

Format	Color
Hex	B372B5
RGB	179, 114, 181
RGB Percent	70%, 45%, 71%
CMY	0.2980, 0.5529, 0.2902
CMYK	0.01, 0.37, 0.00, 0.29
HSL	298°, 31%, 58%
HSV	298°, 37%, 71%
XYZ	32.9482, 24.9545, 46.7962
YIQ	141.0730, 17.2330, 34.6170

Conversions

Conversions Part 2

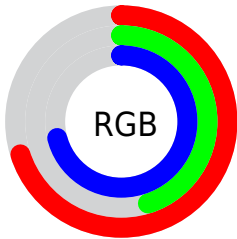
Format	Color
R_{YB}	179, 114, 181
Decimal	11760309
CIE _{Lab}	57.03, 36.45, -25.02
CIE _{LCh}	57, 44.207, 325.537
Y _{xy}	24.9545, 0.3147, 0.2383
Android (android.graphics.Color)	4289950389 (0xFFB372B5)
YUV	141.0730, 19.6840, 33.2620
Hunter-Lab	49.9545, 30.3119, -20.5734

Details

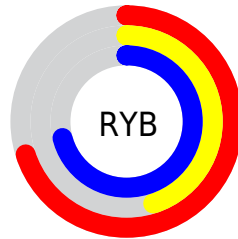
The XYZ color **32.9482, 24.9545, 46.7962** is a light color, and the websafe version is hex **996699**. A complement of this color would be **26.7644, 37.9762, 21.8403**, and the grayscale version is **25.2673, 26.5831, 28.9490**.

A 20% lighter version of the original color is **63.6968, 51.5847, 86.7204**, and **14.1871, 9.5853, 21.5245** is the 20% darker color. If you saturate the color by 10%, you get **30.9808, 21.2041, 46.1763**, and if you desaturate by 10%, it is **35.3217, 29.5153, 47.5518**.

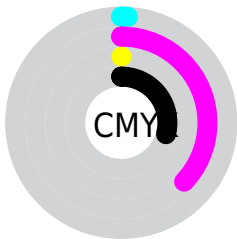
Distribution



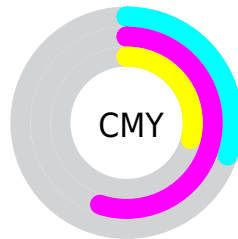
- Red (70%)
- Green (45%)
- Blue (71%)



- Red (70%)
- Yellow (45%)
- Blue (71%)



- Cyan (1%)
- Magenta (37%)
- Yellow (0%)
- Black (29%)





- Cyan (30%)
- Magenta (55%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9482, 24.9545, 46.7962 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 32.9482, 24.9545, 46.7962 by changing the saturation by 10% instead.


 32.9482, 24.9545,
46.7962


 32.9482, 24.9545,
46.7962


307.0854,
277.6113, 390.3706


 22.2458, 16.0432,
32.5214


 63.6499, 51.5834,
86.7561

 14.1552, 9.5547,
21.4919

 84.3799, 70.0697,
113.2783

 8.3111, 5.1047,
13.2893


 109.1831, 92.5166,
144.7200

 4.3482, 2.3088,
7.4950

 138.4249,
119.3082, 181.4998

 1.9009, 0.7784,
3.6905

172.4707,
150.8291, 224.0363

 0.5774, 0.0000,
1.4571

211.6858,

 0.0000, 0.0000,

187.4637, 272.7478

0.1857

256.4356,
229.5963, 328.0531

■ 0.0000, 0.0000,
0.0000

■ 32.9482, 24.9545,
46.7962

■ 32.9482, 24.9545,
46.7962

■ 30.9808, 21.2041,
46.1763

■ 35.3217, 29.5153,
47.5518

■ 29.3930, 18.2128,
45.6827

■ 38.1209, 34.9272,
48.4489

■ 28.1593, 15.9289,
45.3068


■ 41.3669, 41.2320,
49.4947


■ 27.2497, 14.2926,
45.0389


■ 45.0788, 48.4679,
50.6958


■ 26.6296, 13.2344,
44.8674


■ 49.2746, 56.6709,
52.0580


 26.2495, 12.6557,
44.7757

 53.9713, 65.8750,
53.5870

 26.1545, 12.5197,
44.7545

 59.1851, 76.1126,
55.2882

 63.7058, 84.9631,
56.7583

 63.8349, 85.0296,
56.7643

Harmonies

Analogous

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



28.2923, 24.9545, 62.0381



32.9482, 24.9545, 46.7962



35.1409, 24.9545, 29.4597

Triad

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



32.9482, 24.9545, 46.7962



24.5047, 24.9545, 7.4611



15.7962, 24.9545, 41.4698

Complementary

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



32.9482, 24.9545, 46.7962



26.7644, 37.9762, 21.8403

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.



15.0858, 24.9545, 25.0045



32.9482, 24.9545, 46.7962



19.6663, 24.9545, 8.6651

Square

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



32.9482, 24.9545, 46.7962



29.8344, 24.9545, 9.7467



16.3967, 24.9545, 13.9810



18.5013, 24.9545, 58.2561

Rectangle

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



32.9482, 24.9545, 46.7962



34.7075, 24.9545, 20.2038



16.3967, 24.9545, 13.9810



15.3348, 24.9545, 35.5804

Sweetspot

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



32.9490, 24.9556, 46.7967



71.5635, 68.9386, 87.8293



21.5533, 19.4594, 46.3365



15.3002, 14.5754, 18.9292



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.



32.9490, 24.9556, 46.7967



56.2275, 39.3843, 82.9330



30.5577, 24.0529, 31.7747



8.8245, 8.6335, 10.7077



18.0412, 8.6364, 30.8531



0.5754, 0.2757, 0.9711

Inverse Universe

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



28.2265, 23.1204, 19.4990



46.6309, 35.6619, 27.1473



28.5956, 38.6783, 32.8555



8.5063, 8.5092, 8.8986



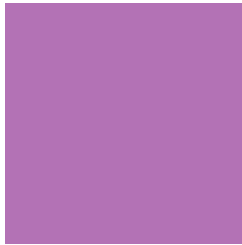
13.1619, 6.7823, 0.7465



0.4175, 0.2148, 0.0413

Previews

White Background



This preview shows how the XYZ color 32.9482, 24.9545, 46.7962 looks on a white background.

Color Contrast Check

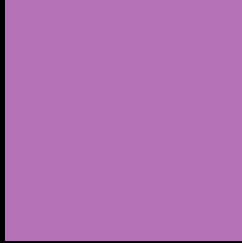
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.9482, 24.9545, 46.7962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

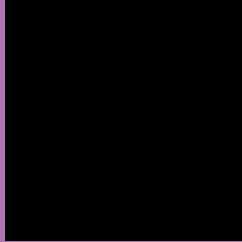
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.9482, 24.9545, 46.7962

Background



This preview shows how black text looks on a background with the XYZ color 32.9482, 24.9545, 46.7962.



This preview shows how white text looks on a background with the XYZ color 32.9482, 24.9545,

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

32.9482, 24.9545, 46.7962

Protanopia

26.0781, 25.1411, 56.3016

Deuteranopia

25.6530, 25.1694, 45.1011



Tritanopia

28.6749, 24.9930, 25.5031

Trichromacy



Original Color

32.9482, 24.9545, 46.7962

Protanomaly

27.8086, 24.5158, 52.5566

Deuteranomaly

27.6579, 24.5961, 45.4093

Tritanomaly

29.9007, 24.7489, 32.0552

Monochromacy



Original Color

32.9482, 24.9545, 46.7962

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.6346, 25.6015, 34.9376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9482, 24.9545, 46.7962 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(179, 114, 181)` looks like.

```
.text, #text, p{  
    color:rgb(179, 114, 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(179, 114, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 114, 181) }
```

Border

The CSS property to change the border of an element to XYZ 32.9482, 24.9545, 46.7962 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(179, 114, 181) }
```


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

```
.border{ border-color:rgb(179, 114, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 114, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 114, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 114, 181);  
box-shadow:4px 4px 4px 4px rgb(179, 114,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9482, 24.9545, 46.7962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 114, 181) }
```

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

```
.background{ background-color: rgb(179,  
114, 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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