

Converting Colors

XYZ(16.1279, 12.4206, 3.5549)

Have a look what the booklet for
XYZ(16.1279, 12.4206, 3.5549)
contains.

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Color

**XYZ(16.1279, 12.4206,
3.5549)**

Conversions

Conversions Part 1

Format	Color
Hex	984F28
RGB	152, 79, 40
RGB Percent	60%, 31%, 16%
CMY	0.4039, 0.6902, 0.8431
CMYK	0.00, 0.48, 0.74, 0.40
HSL	21°, 58%, 38%
HSV	21°, 74%, 60%
XYZ	16.1279, 12.4206, 3.5549
YIQ	96.3810, 56.0270, 3.3470

Conversions

Conversions Part 2

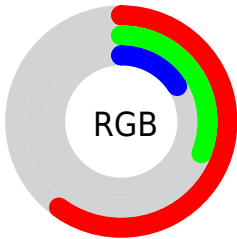
Format	Color
R _Y B	152, 100, 40
Decimal	9981736
CIE Lab	41.88, 27.34, 35.87
CIE LCh	42, 45.099, 52.681
Yxy	12.4206, 0.5024, 0.3869
Android (android.graphics.Color)	4288171816 (0xFF984F28)
YUV	96.3810, -27.7958, 48.7779
Hunter-Lab	35.2429, 20.0104, 18.6895

Details

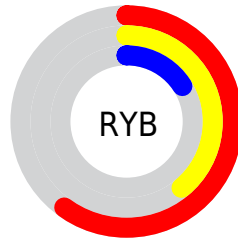
The XYZ color **16.1279, 12.4206, 3.5549** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **12.4473, 14.5275, 31.8536**, and the grayscale version is **11.2673, 11.8541, 12.9091**.

A 20% lighter version of the original color is **36.4345, 30.2375, 12.9329**, and **5.3404, 3.5198, 0.3979** is the 20% darker color. If you saturate the color by 10%, you get **15.2563, 11.0131, 2.2302**, and if you desaturate by 10%, it is **17.2083, 14.0832, 5.4512**.

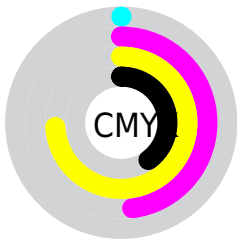
Distribution



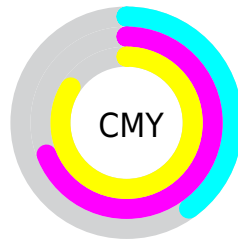
- Red (60%)
- Green (31%)
- Blue (16%)



- Red (60%)
- Yellow (39%)
- Blue (16%)



- Cyan (0%)
- Magenta (48%)
- Yellow (74%)
- Black (40%)



- Cyan (40%)
- Magenta (69%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1279, 12.4206, 3.5549 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 16.1279, 12.4206, 3.5549 by changing the saturation by 10% instead.

■ 16.1279, 12.4206,
3.5549

■ 16.1279, 12.4206,
3.5549

223.3508,
207.1702, 143.1416

■ 9.7061, 7.0308,
1.3845

■ 36.3758, 30.2589,
12.9695

■ 5.2653, 3.4814,
0.1296

■ 50.9326, 43.4761,
21.0507

■ 2.4401, 1.3879,
0.0000

■ 68.9317, 60.0713,
31.9393

■ 0.8652, 0.2078,
0.0000

■ 90.7386, 80.4288,
46.0538

■ 0.0000, 0.0000,
0.0000

■ 116.7187,
104.9331, 63.8128

■ 147.2371,

133.9685, 85.6347

182.6594,
167.9194, 111.9381

16.1279, 12.4206,
3.5549

16.1279, 12.4206,
3.5549

15.2563, 11.0131,
2.2302

17.2083, 14.0832,
5.4512

14.5753, 9.8441,
1.4076

18.5116, 16.0119,
7.9760

14.2189, 9.2156,
1.0294

20.0518, 18.2195,
11.1800

21.8411, 20.7171,
15.1086

23.8908, 23.5154,
19.8031

■ 26.2116, 26.6242,
25.3018

■ 28.8134, 30.0532,
31.6403

■ 31.7058, 33.8115,
38.8520

■ 34.8977, 37.9076,
46.9687

Harmonies

Analogous

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



18.7529, 12.4206, 7.6141



16.1279, 12.4206, 3.5549



12.6400, 12.4206, 2.2714

Triad

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



16.1279, 12.4206, 3.5549



6.5257, 12.4206, 11.3198



14.4503, 12.4206, 38.4776

Complementary

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



16.1279, 12.4206, 3.5549



12.4473, 14.5275, 31.8536

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.



11.0084, 12.4206, 41.0813



16.1279, 12.4206, 3.5549



6.8286, 12.4206, 21.8980

Square

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



16.1279, 12.4206, 3.5549



7.4107, 12.4206, 5.1751



8.3337, 12.4206, 33.9752



17.6642, 12.4206, 27.9644

Rectangle

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



16.1279, 12.4206, 3.5549



10.4550, 12.4206, 2.3633



8.3337, 12.4206, 33.9752



13.2674, 12.4206, 40.4598

Sweetspot

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



16.1282, 12.4213, 3.5551



42.6575, 42.1656, 36.0938



16.7830, 9.4232, 17.0536



9.4798, 9.2921, 7.7008



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



16.1282, 12.4213, 3.5551



26.1663, 18.1466, 2.9640



21.7651, 23.6950, 5.4341



6.3760, 6.5570, 6.5354



11.9491, 7.7807, 0.8720



0.2105, 0.1801, 0.0237

Inverse Universe

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



12.4473, 14.5275, 31.8536



19.1991, 21.8484, 55.6389



8.0895, 5.8120, 30.4010



6.2034, 6.6642, 7.8883



8.5281, 9.4529, 26.2828



0.1612, 0.2088, 0.4042

Previews

White Background



This preview shows how the XYZ color 16.1279, 12.4206, 3.5549 looks on a white background.

Color Contrast Check

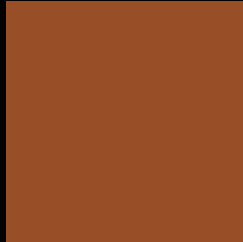
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 16.1279, 12.4206, 3.5549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

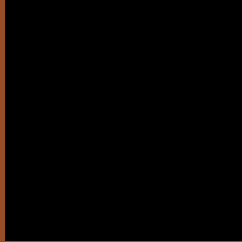
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.1279, 12.4206, 3.5549

Background



This preview shows how black text looks on a background with the XYZ color 16.1279, 12.4206, 3.5549.



This preview shows how white text looks on a background with the XYZ color 16.1279, 12.4206,

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

16.1279, 12.4206, 3.5549

Protanopia

11.4807, 12.6266, 4.4168

Deuteranopia

12.6333, 12.4179, 3.4001



Tritanopia

17.2905, 12.4814, 9.0873

Trichromacy



Original Color

16.1279, 12.4206, 3.5549

Protanomaly

12.7392, 12.1961, 4.0655

Deuteranomaly

13.7378, 12.3467, 3.4093

Tritanomaly

16.6754, 12.3228, 6.5007

Monochromacy



Original Color

16.1279, 12.4206, 3.5549

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

12.1631, 11.5471, 8.4252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1279, 12.4206, 3.5549 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(152, 79, 40)` looks like.

```
.text, #text, p{  
    color:rgb(152, 79, 40)  
}
```

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(152, 79, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 79, 40) }
```

Border

The CSS property to change the border of an element to XYZ 16.1279, 12.4206, 3.5549 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(152, 79, 40) }
```


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

```
.border{ border-color:rgb(152, 79, 40) }
```

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

Here you see how a box with a 4 pixel rgb(152, 79, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 79, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 79, 40);  
box-shadow:4px 4px 4px 4px rgb(152, 79,  
40) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1279, 12.4206, 3.5549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 79, 40) }
```

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

```
.background{ background-color: rgb(152, 79,  
40) }
```

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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