

Converting Colors

XYZ(18.2664, 16.4095, 6.0626)

Have a look what the booklet for
XYZ(18.2664, 16.4095, 6.0626)
contains.

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Color

**XYZ(18.2524, 16.3775,
6.0701)**

Conversions

Conversions Part 1

Format	Color
Hex	976639
RGB	151, 102, 57
RGB Percent	59%, 40%, 22%
CMY	0.4078, 0.6000, 0.7765
CMYK	0.00, 0.32, 0.62, 0.41
HSL	29°, 45%, 41%
HSV	29°, 62%, 59%
XYZ	18.2524, 16.3775, 6.0701
YIQ	111.5210, 43.6490, -3.6070

Conversions

Conversions Part 2

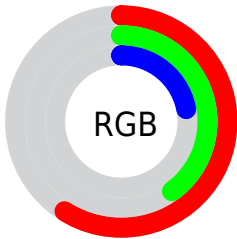
Format	Color
R_{YB}	151, 143, 57
Decimal	9922105
CIE _{Lab}	47.47, 14.91, 33.02
CIE _{LCh}	47, 36.230, 65.703
Yxy	16.3775, 0.4485, 0.4024
Android (android.graphics.Color)	4288112185 (0xFF976639)
YUV	111.5210, -26.8789, 34.6231
Hunter-Lab	40.4691, 9.6862, 19.4353

Details

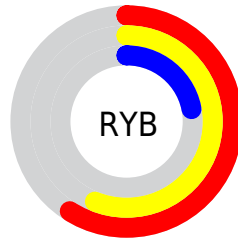
The XYZ color **18.2524, 16.3775, 6.0701** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **12.4270, 13.4116, 31.2117**, and the grayscale version is **15.3285, 16.1267, 17.5620**.

A 20% lighter version of the original color is **39.9535, 37.2123, 18.4415**, and **6.2505, 5.2433, 0.9992** is the 20% darker color. If you saturate the color by 10%, you get **17.1932, 14.7750, 4.1269**, and if you desaturate by 10%, it is **19.4979, 18.1734, 8.6284**.

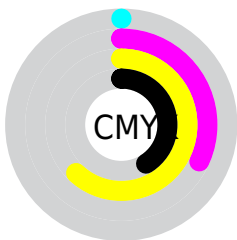
Distribution



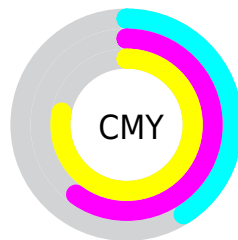
- Red (59%)
- Green (40%)
- Blue (22%)



- Red (59%)
- Yellow (56%)
- Blue (22%)



- Cyan (0%)
- Magenta (32%)
- Yellow (62%)
- Black (41%)





- Cyan (41%)
- Magenta (60%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.2524, 16.3775, 6.0701 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 18.2524, 16.3775, 6.0701 by changing the saturation by 10% instead.


 18.2524, 16.3775,
6.0701


 18.2524, 16.3775,
6.0701


235.3080,
231.5591, 169.0229


 11.2321, 9.7917,
2.8183


 39.9937, 37.2523,
18.5564


 6.2916, 5.2610,
1.0026


 55.4454, 52.3101,
28.6279

 3.0656, 2.4012,
0.0000

 74.4383, 70.9607,
41.8098

 1.1885, 0.8265,
0.0000

 97.3377, 93.5885,
58.5206

 0.0973, 0.0000,
0.0000

 124.5090,
120.5778, 79.1787

 0.0000, 0.0000,
0.0000

 156.3176,

152.3130, 104.2028

193.1289,
189.1787, 134.0113

■ 18.2524, 16.3775,
6.0701

■ 18.2524, 16.3775,
6.0701

■ 17.1932, 14.7750,
4.1269

■ 19.4979, 18.1734,
8.6284

■ 16.3068, 13.3552,
2.7433

■ 20.9395, 20.1678,
11.8492

■ 15.5793, 12.1098,
1.8546

■ 22.5876, 22.3684,
15.7759

■ 15.0988, 11.2520,
1.3761

■ 24.4513, 24.7818,
20.4483

■ 26.5394, 27.4144,
25.9028

■ 28.8598, 30.2720,
32.1738

■ 31.4202, 33.3603,
39.2933

■ 34.2280, 36.6849,
47.2918

■ 37.2900, 40.2510,
56.1981

Harmonies

Analogous

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



21.1483, 16.3775, 9.3641



18.2524, 16.3775, 6.0701



14.9598, 16.3775, 5.3762

Triad

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



18.2524, 16.3775, 6.0701



10.1875, 16.3775, 19.6510



19.4618, 16.3775, 36.4302

Complementary

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



18.2524, 16.3775, 6.0701



12.4270, 13.4116, 31.2117

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.



16.1890, 16.3775, 41.9022



18.2524, 16.3775, 6.0701



11.0647, 16.3775, 30.2952

Square

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



18.2524, 16.3775, 6.0701



10.5824, 16.3775, 11.4918



13.1576, 16.3775, 39.3382



21.9112, 16.3775, 26.1587

Rectangle

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



18.2524, 16.3775, 6.0701



13.0351, 16.3775, 6.1601



13.1576, 16.3775, 39.3382



18.4057, 16.3775, 39.0278

Sweetspot

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



18.2528, 16.3783, 6.0704



44.8212, 45.6941, 39.2782



16.8865, 10.5700, 15.0971



9.9706, 10.1101, 8.3690



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.



18.2528, 16.3783, 6.0704



30.0798, 25.3402, 6.2212



24.0699, 28.0126, 8.0095



6.4405, 6.6862, 6.5569



12.8733, 9.6290, 1.1801



0.2286, 0.2162, 0.0297

Inverse Universe

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



12.4270, 13.4116, 31.2117



18.7157, 19.5390, 55.2186



8.8962, 6.3501, 30.0348



6.1375, 6.5323, 7.8663



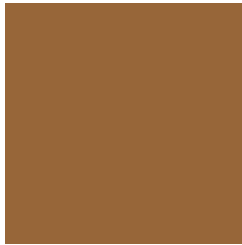
7.1414, 6.6795, 25.8206



0.1432, 0.1727, 0.3982

Previews

White Background



This preview shows how the XYZ color 18.2524, 16.3775, 6.0701 looks on a white background.

Color Contrast Check

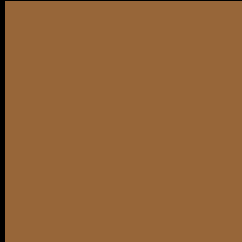
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.2524, 16.3775, 6.0701 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 18.2524, 16.3775, 6.0701

Background



This preview shows how black text looks on a background with the XYZ color 18.2524, 16.3775, 6.0701.



This preview shows how white text looks on a background with the XYZ color 18.2524, 16.3775,

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

18.2524, 16.3775, 6.0701

Protanopia

15.0596, 16.4323, 6.7929

Deuteranopia

16.7238, 16.4996, 6.0447



Tritanopia

20.0998, 16.4189, 15.2065

Trichromacy



Original Color

18.2524, 16.3775, 6.0701

Protanomaly

16.1158, 16.3319, 6.5779

Deuteranomaly

17.1955, 16.4332, 6.0070

Tritanomaly

19.3190, 16.3841, 11.1611

Monochromacy



Original Color

18.2524, 16.3775, 6.0701

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.8985, 15.9335, 12.3627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2524, 16.3775, 6.0701 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(151, 102, 57)` looks like.

```
.text, #text, p{  
    color:rgb(151, 102, 57)  
}
```

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(151, 102, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 102, 57) }
```

Border

The CSS property to change the border of an element to XYZ 18.2524, 16.3775, 6.0701 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(151, 102, 57) }
```


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

```
.border{ border-color:rgb(151, 102, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 102, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 102, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 102, 57);  
box-shadow:4px 4px 4px 4px rgb(151, 102,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2524, 16.3775, 6.0701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 102, 57) }
```

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

```
.background{ background-color: rgb(151,  
102, 57) }
```

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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