

Converting Colors

XYZ(18.5024, 18.4187, 7.5895)

Have a look what the booklet for
XYZ(18.5024, 18.4187, 7.5895)
contains.

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Color

**XYZ(18.4730, 18.3456,
7.5684)**

Conversions

Conversions Part 1

Format	Color
Hex	907241
RGB	144, 114, 65
RGB Percent	56%, 45%, 25%
CMY	0.4353, 0.5529, 0.7451
CMYK	0.00, 0.21, 0.55, 0.44
HSL	37°, 38%, 41%
HSV	37°, 55%, 56%
XYZ	18.4730, 18.3456, 7.5684
YIQ	117.3840, 33.6090, -8.8790

Conversions

Conversions Part 2

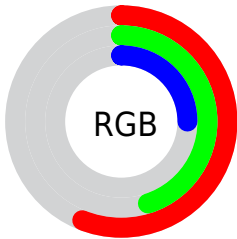
Format	Color
R_{YB}	113, 144, 65
Decimal	9466433
CIE _{Lab}	49.91, 5.52, 31.41
CIE _{LCh}	50, 31.891, 80.034
Yxy	18.3456, 0.4162, 0.4133
Android (android.graphics.Color)	4287656513 (0xFF907241)
YUV	117.3840, -25.8253, 23.3422
Hunter-Lab	42.8318, 2.0300, 19.5057

Details

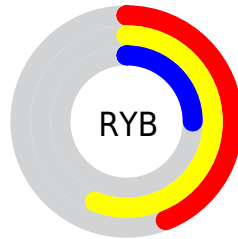
The XYZ color **18.4730, 18.3456, 7.5684** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.3059, 11.3212, 27.9746**, and the grayscale version is **17.0986, 17.9890, 19.5901**.

A 20% lighter version of the original color is **40.4929, 40.7667, 21.6541**, and **6.3801, 6.1676, 1.4703** is the 20% darker color. If you saturate the color by 10%, you get **17.5096, 17.0034, 5.4452**, and if you desaturate by 10%, it is **19.5805, 19.8058, 10.2648**.

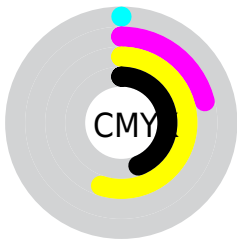
Distribution



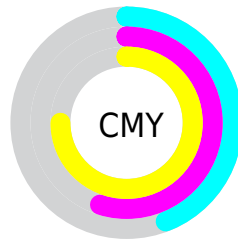
- Red (56%)
- Green (45%)
- Blue (25%)



- Red (44%)
- Yellow (56%)
- Blue (25%)



- Cyan (0%)
- Magenta (21%)
- Yellow (55%)
- Black (44%)



- Cyan (44%)
- Magenta (55%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4730, 18.3456, 7.5684 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 18.4730, 18.3456, 7.5684 by changing the saturation by 10% instead.

■ 18.4730, 18.3456,
7.5684

■ 18.4730, 18.3456,
7.5684

236.5181,
242.8119, 182.1128

■ 11.3918, 11.1984,
3.7363

■ 40.3655, 40.6253,
21.6399

■ 6.4003, 6.2004,
1.4818

■ 55.9075, 56.5267,
32.7164

■ 3.1329, 2.9673,
0.2043

■ 75.0005, 76.1148,
47.0447

■ 1.2244, 1.1147,
0.0000

■ 98.0099, 99.7742,
65.0433

■ 0.1255, 0.0000,
0.0000

■ 125.3010,
127.8892, 87.1310

■ 0.0000, 0.0000,
0.0000

■ 157.2392,

160.8442, 113.7260

194.1898,
199.0236, 145.2471

■ 18.4730, 18.3456,
7.5684

■ 18.4730, 18.3456,
7.5684

■ 17.5096, 17.0034,
5.4452

■ 19.5805, 19.8058,
10.2648

■ 16.6801, 15.7721,
3.8504

■ 20.8389, 21.3857,
13.5724

■ 15.9749, 14.6474,
2.7343

■ 22.2558, 23.0900,
17.5273

■ 15.3808, 13.6230,
2.0314

■ 23.8382, 24.9223,
22.1622

■ 15.1009, 13.1280,
1.7381

■ 25.5923, 26.8862,
27.5079

■ 27.5241, 28.9849,
33.5930

■ 29.6394, 31.2216,
40.4448

■ 31.9435, 33.5994,
48.0890

■ 34.4416, 36.1211,
56.5501

Harmonies

Analogous

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



21.4871, 18.3456, 9.6598



18.4730, 18.3456, 7.5684



15.5017, 18.3456, 7.9755

Triad

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



18.4730, 18.3456, 7.5684



12.4817, 18.3456, 26.3079



22.3356, 18.3456, 32.8412

Complementary

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



18.4730, 18.3456, 7.5684



11.3059, 11.3212, 27.9746

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.



19.5269, 18.3456, 40.3057



18.4730, 18.3456, 7.5684



13.9307, 18.3456, 35.8349

Square

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



18.4730, 18.3456, 7.5684



12.2695, 18.3456, 17.2040



16.4404, 18.3456, 41.5378



23.8832, 18.3456, 23.0292

Rectangle

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



18.4730, 18.3456, 7.5684



13.9260, 18.3456, 9.6678



16.4404, 18.3456, 41.5378



21.4933, 18.3456, 35.8158

Sweetspot

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



18.4734, 18.3465, 7.5688



41.6170, 43.4688, 37.8121



15.4703, 10.5413, 12.1135



9.4237, 9.8307, 8.3158



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



18.4734, 18.3465, 7.5688



30.4969, 29.4308, 8.8187



20.8841, 25.4609, 8.8149



5.6698, 5.9460, 5.7382



13.1733, 11.4783, 1.5212



0.1473, 0.1524, 0.0217

Inverse Universe

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



11.3059, 11.3212, 27.9746



16.5169, 15.7568, 48.7089



9.7652, 7.2588, 27.2717



5.2869, 5.5697, 6.8252



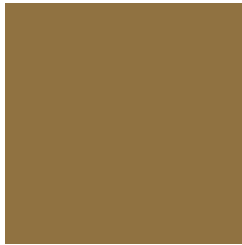
5.5814, 4.1488, 23.4837



0.0734, 0.0798, 0.2312

Previews

White Background



This preview shows how the XYZ color 18.4730, 18.3456, 7.5684 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 18.4730, 18.3456, 7.5684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

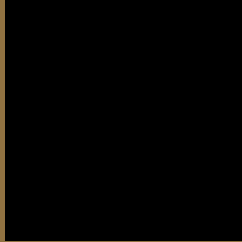
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.4730, 18.3456, 7.5684

Background



This preview shows how black text looks on a background with the XYZ color 18.4730, 18.3456, 7.5684.



This preview shows how white text looks on a background with the XYZ color 18.4730, 18.3456,

7.5684.

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

18.4730, 18.3456, 7.5684

Protanopia

16.9700, 18.4242, 7.9720

Deuteranopia

18.5363, 18.2117, 7.5393



Tritanopia

20.7277, 18.2820, 18.9593

Trichromacy



Original Color

18.4730, 18.3456, 7.5684

Protanomaly

17.4980, 18.3502, 7.7739

Deuteranomaly

18.5363, 18.2117, 7.5393

Tritanomaly

19.7662, 18.2180, 13.7839

Monochromacy



Original Color

18.4730, 18.3456, 7.5684

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.2024, 17.8847, 14.1007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4730, 18.3456, 7.5684 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(144, 114, 65)` looks like.

```
.text, #text, p{  
    color:rgb(144, 114, 65)  
}
```

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(144, 114, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 114, 65) }
```

Border

The CSS property to change the border of an element to XYZ 18.4730, 18.3456, 7.5684 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(144, 114, 65) }
```


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

```
.border{ border-color:rgb(144, 114, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 114, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 114, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 114, 65);  
box-shadow:4px 4px 4px 4px rgb(144, 114,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4730, 18.3456, 7.5684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 114, 65) }
```

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

```
.background{ background-color: rgb(144,  
114, 65) }
```

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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