

Converting Colors

XYZ(19.3674, 21.7441, 16.2730)

Have a look what the booklet for
XYZ(19.3674, 21.7441, 16.2730)
contains.

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Color

**XYZ(19.3674, 21.7441,
16.2730)**

Conversions

Conversions Part 1

Format	Color
Hex	7F8368
RGB	127, 131, 104
RGB Percent	50%, 51%, 41%
CMY	0.5020, 0.4863, 0.5922
CMYK	0.03, 0.00, 0.21, 0.49
HSL	69°, 11%, 46%
HSV	69°, 21%, 51%
XYZ	19.3674, 21.7441, 16.2730
YIQ	126.7260, 6.2830, -9.2450

Conversions

Conversions Part 2

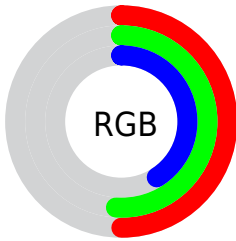
Format	Color
RYB	104, 131, 108
Decimal	8356712
CIELab	53.75, -6.44, 14.13
CIElCh	54, 15.528, 114.502
Yxy	21.7441, 0.3375, 0.3789
Android (android.graphics.Color)	4286546792 (0xFF7F8368)
YUV	126.7260, -11.2039, 0.2403
Hunter-Lab	46.6306, -7.4658, 11.9505

Details

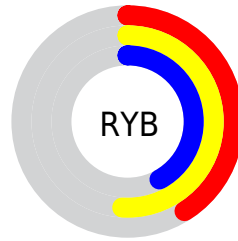
The XYZ color **19.3674, 21.7441, 16.2730** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.2323, 14.7281, 23.5139**, and the grayscale version is **20.1150, 21.1625, 23.0460**.

A 20% lighter version of the original color is **41.8793, 46.3508, 37.7497**, and **6.8977, 7.9497, 5.0418** is the 20% darker color. If you saturate the color by 10%, you get **18.4668, 21.3515, 13.0231**, and if you desaturate by 10%, it is **20.3781, 22.1829, 20.0686**.

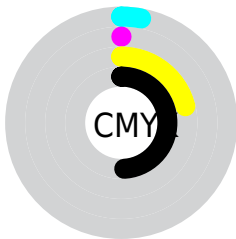
Distribution



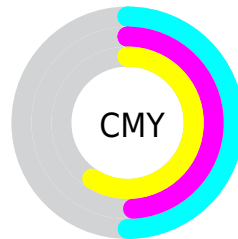
- Red (50%)
- Green (51%)
- Blue (41%)



- Red (41%)
- Yellow (51%)
- Blue (42%)



- Cyan (3%)
- Magenta (0%)
- Yellow (21%)
- Black (49%)



- Cyan (50%)
- Magenta (49%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3674, 21.7441, 16.2730 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 19.3674, 21.7441, 16.2730 by changing the saturation by 10% instead.

■ 19.3674, 21.7441,
16.2730

■ 19.3674, 21.7441,
16.2730

241.3689,
261.2070, 242.8478

■ 12.0416, 13.6690,
9.5611

■ 41.8661, 46.3227,
37.8449

■ 6.8444, 7.8908,
5.0072

■ 57.7697, 63.5949,
53.5419

■ 3.4105, 4.0252,
2.1926

■ 77.2634, 84.7017,
73.0711

■ 1.3744, 1.6876,
0.6701

■ 100.7123,
110.0274, 96.8509

■ 0.2378, 0.4156,
0.0000

128.4820,
139.9564, 125.3000

■ 0.0000, 0.0000,
0.0000

160.9378,

174.8730, 158.8368

198.4450,
215.1618, 197.8798

■ 19.3674, 21.7441,
16.2730

■ 19.3674, 21.7441,
16.2730

■ 18.4668, 21.3515,
13.0231

■ 20.3781, 22.1829,
20.0686

■ 17.6698, 21.0002,
10.2925

■ 21.5018, 22.6667,
24.4321

■ 16.9718, 20.6892,
8.0545

■ 22.7431, 23.1983,
29.3859

■ 16.3673, 20.4162,
6.2799

■ 24.1061, 23.7792,
34.9509

■ 15.8499, 20.1787,
4.9358

■ 25.5947, 24.4109,
41.1470

■ 15.4127, 19.9739,
3.9855

■ 27.2123, 25.0950,
47.9931

■ 15.0474, 19.7985,
3.3859

■ 28.9625, 25.8328,
55.5076

■ 14.7459, 19.6509,
3.0158

■ 30.8488, 26.6256,
63.7078

■ 32.8741, 27.4748,
72.6105

Harmonies

Analogous

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



20.9754, 21.7441, 15.6703



19.3674, 21.7441, 16.2730



18.1683, 21.7441, 18.7398

Triad

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



19.3674, 21.7441, 16.2730



18.8630, 21.7441, 31.9538



24.0211, 21.7441, 24.5652

Complementary

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



19.3674, 21.7441, 16.2730



15.2323, 14.7281, 23.5139

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.



23.3851, 21.7441, 29.4099



19.3674, 21.7441, 16.2730



20.3618, 21.7441, 34.0272

Square

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



19.3674, 21.7441, 16.2730



17.8882, 21.7441, 27.6861



22.0237, 21.7441, 33.0390



23.7199, 21.7441, 20.0725

Rectangle

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



19.3674, 21.7441, 16.2730



17.7325, 21.7441, 21.3088



22.0237, 21.7441, 33.0390



23.9088, 21.7441, 26.2116

Sweetspot

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



19.3680, 21.7451, 16.2735



37.3655, 40.0999, 39.3038



17.1800, 16.4663, 15.3699



8.6747, 9.3254, 9.0550



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



19.3680, 21.7451, 16.2735



33.8569, 38.5791, 26.1316



17.5422, 20.8038, 16.1880



4.9737, 5.3890, 5.0074



14.5161, 19.3432, 2.9685



0.0549, 0.0694, 0.0105

Inverse Universe

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



15.2323, 14.7281, 23.5139



24.9800, 23.5158, 41.6756



16.9469, 15.6120, 23.5941



4.4940, 4.5753, 5.8470



4.3067, 1.7543, 21.2483



0.0187, 0.0080, 0.0738

Previews

White Background



This preview shows how the XYZ color 19.3674, 21.7441, 16.2730 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 19.3674, 21.7441, 16.2730 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

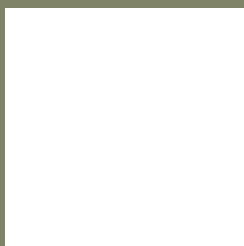
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.3674, 21.7441, 16.2730

Background



This preview shows how black text looks on a background with the XYZ color 19.3674, 21.7441, 16.2730.



This preview shows how white text looks on a background with the XYZ color 19.3674, 21.7441,

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

19.3674, 21.7441, 16.2730

Protanopia

20.3207, 21.6519, 15.9402

Deuteranopia

22.0789, 21.5961, 16.6404



Tritanopia

21.4648, 21.8102, 26.7454

Trichromacy



Original Color

19.3674, 21.7441, 16.2730

Protanomaly

19.9713, 21.6663, 15.9614

Deuteranomaly

20.9952, 21.6044, 16.4281

Tritanomaly

20.6268, 21.6648, 22.4966

Monochromacy



Original Color

19.3674, 21.7441, 16.2730

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.8013, 21.2823, 20.5170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3674, 21.7441, 16.2730 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(127, 131, 104)` looks like.

```
.text, #text, p{  
    color:rgb(127, 131, 104)  
}
```

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(127, 131, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 131, 104) }
```

Border

The CSS property to change the border of an element to XYZ 19.3674, 21.7441, 16.2730 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(127, 131, 104) }
```


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

```
.border{ border-color:rgb(127, 131, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 131, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 131, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 131, 104);  
box-shadow:4px 4px 4px 4px rgb(127, 131,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3674, 21.7441, 16.2730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 131, 104) }
```

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

```
.background{ background-color: rgb(127,  
131, 104) }
```

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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