

Converting Colors

XYZ(21.0999, 25.3574, 18.5342)

Have a look what the booklet for
XYZ(21.0999, 25.3574, 18.5342)
contains.

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Color

**XYZ(21.0999, 25.3574,
18.5342)**

Conversions

Conversions Part 1

Format	Color
Hex	7C906E
RGB	124, 144, 110
RGB Percent	49%, 56%, 43%
CMY	0.5137, 0.4353, 0.5686
CMYK	0.14, 0.00, 0.24, 0.44
HSL	95°, 13%, 50%
HSV	95°, 24%, 56%
XYZ	21.0999, 25.3574, 18.5342
YIQ	134.1440, -1.0060, -14.8140

Conversions

Conversions Part 2

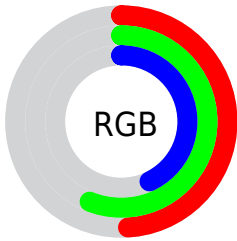
Format	Color
R_{YB}	110, 144, 130
Decimal	8163438
CIE _{Lab}	57.42, -13.72, 15.75
CIE _{LCh}	57, 20.889, 131.071
Yxy	25.3574, 0.3247, 0.3902
Android (android.graphics.Color)	4286353518 (0xFF7C906E)
YUV	134.1440, -11.9030, -8.8963
Hunter-Lab	50.3561, -13.3293, 13.4269

Details

The XYZ color **21.0999, 25.3574, 18.5342** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.8169, 17.9120, 28.7998**, and the grayscale version is **22.7562, 23.9413, 26.0720**.

A 20% lighter version of the original color is **44.8471, 52.3439, 41.9221**, and **7.7739, 9.8491, 6.0488** is the 20% darker color. If you saturate the color by 10%, you get **19.2068, 24.4656, 14.6802**, and if you desaturate by 10%, it is **23.2270, 26.3567, 23.0653**.

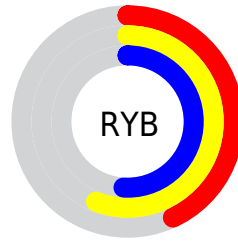
Distribution



Red (49%)

Green (56%)

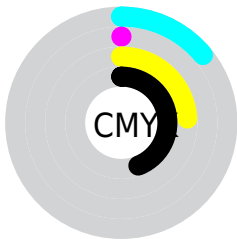
Blue (43%)



Red (43%)

Yellow (56%)

Blue (51%)

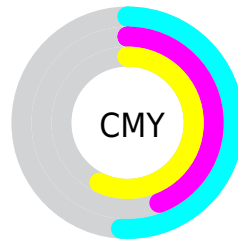


Cyan (14%)

Magenta (0%)

Yellow (24%)

Black (44%)



Cyan (51%)

Magenta (44%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0999, 25.3574, 18.5342 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 21.0999, 25.3574, 18.5342 by changing the saturation by 10% instead.

■ 21.0999, 25.3574,
18.5342

■ 21.0999, 25.3574,
18.5342

250.5306,
279.6132, 256.2015

■ 13.3099, 16.3435,
11.1608

■ 44.7438, 52.2364,
41.7717

■ 7.7208, 9.7676,
6.0596

■ 61.3284, 70.8704,
58.4728

■ 3.9671, 5.2451,
2.8120

■ 81.5752, 93.4798,
79.1203

■ 1.6835, 2.3918,
0.9994

■ 105.8496,
120.4492, 104.1326

■ 0.4459, 0.8217,
0.0000

134.5171,
152.1628, 133.9284

■ 0.0000, 0.0000,
0.0000

167.9428,

189.0050, 168.9261

206.4922,
231.3604, 209.5443

■ 21.0999, 25.3574,
18.5342

■ 21.0999, 25.3574,
18.5342

■ 19.2068, 24.4656,
14.6802

■ 23.2270, 26.3567,
23.0653

■ 17.5368, 23.6740,
11.4693

■ 25.5944, 27.4636,
28.3023

■ 16.0814, 22.9798,
8.8668

■ 28.2105, 28.6828,
34.2741

■ 14.8303, 22.3785,
6.8341

■ 31.0829, 30.0175,
41.0077

■ 13.7723, 21.8654,
5.3282

■ 34.2186, 31.4708,
48.5285

■ 12.8952, 21.4350,
4.3002

■ 37.6245, 33.0457,
56.8610

■ 12.1843, 21.0813,
3.6911

■ 41.3071, 34.7451,
66.0284

■ 11.7946, 20.8862,
3.4098

■ 45.2729, 36.5717,
76.0530

■ 49.5278, 38.5283,
86.9565

Harmonies

Analogous

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



23.1966, 25.3574, 16.2510



21.0999, 25.3574, 18.5342



19.8630, 25.3574, 23.4091

Triad

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



21.0999, 25.3574, 18.5342



22.5862, 25.3574, 42.6622



29.0952, 25.3574, 25.0675

Complementary

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



21.0999, 25.3574, 18.5342



19.8169, 17.9120, 28.7998

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.



28.9037, 25.3574, 32.2854



21.0999, 25.3574, 18.5342



25.0296, 25.3574, 43.3134

Square

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



21.0999, 25.3574, 18.5342



20.6795, 25.3574, 37.5987



27.3750, 25.3574, 39.2495



27.8815, 25.3574, 19.5683

Rectangle

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



21.0999, 25.3574, 18.5342



19.6377, 25.3574, 27.8662



27.3750, 25.3574, 39.2495



29.1950, 25.3574, 27.3552

Sweetspot

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



21.1006, 25.3585, 18.5348



43.6164, 47.7252, 46.5089



22.2776, 22.9770, 18.0130



9.9538, 10.9218, 10.5580



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.



21.1006, 25.3585, 18.5348



35.5069, 43.9200, 29.1705



19.3757, 24.4512, 19.2724



5.5400, 6.1310, 5.7808



10.2959, 18.2003, 2.9704



0.1225, 0.1864, 0.0295

Inverse Universe

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



19.8169, 17.9120, 28.7998



32.8606, 28.5757, 50.3217



21.8986, 19.0099, 27.7807



5.4144, 5.4018, 6.7861



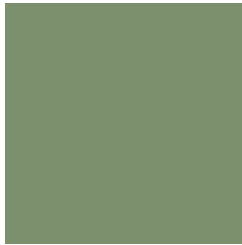
7.6505, 3.4376, 23.2374



0.0982, 0.0458, 0.2233

Previews

White Background



This preview shows how the XYZ color 21.0999, 25.3574, 18.5342 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 21.0999, 25.3574, 18.5342 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 21.0999, 25.3574, 18.5342

Background



This preview shows how black text looks on a background with the XYZ color 21.0999, 25.3574, 18.5342.



This preview shows how white text looks on a background with the XYZ color 21.0999, 25.3574,

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

21.0999, 25.3574, 18.5342

Protanopia

23.6321, 25.1559, 17.5199

Deuteranopia

25.6731, 25.1460, 18.8298



Tritanopia

23.9436, 25.4131, 32.4974

Trichromacy



Original Color

21.0999, 25.3574, 18.5342

Protanomaly

22.7323, 25.3278, 17.8780

Deuteranomaly

23.7060, 24.9591, 18.6071

Tritanomaly

22.8001, 25.3882, 26.6204

Monochromacy



Original Color

21.0999, 25.3574, 18.5342

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.9961, 24.4035, 22.9531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0999, 25.3574, 18.5342 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(124, 144, 110)` looks like.

```
.text, #text, p{  
    color:rgb(124, 144, 110)  
}
```

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(124, 144, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 144, 110) }
```

Border

The CSS property to change the border of an element to XYZ 21.0999, 25.3574, 18.5342 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(124, 144, 110) }
```


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

```
.border{ border-color:rgb(124, 144, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 144, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 144, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 144, 110);  
box-shadow:4px 4px 4px 4px rgb(124, 144,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0999, 25.3574, 18.5342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 144, 110) }
```

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

```
.background{ background-color: rgb(124,  
144, 110) }
```

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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