

Converting Colors

XYZ(21.4244, 25.0196, 21.1537)

Have a look what the booklet for
XYZ(21.4244, 25.0196, 21.1537)
contains.

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Color

**XYZ(21.4602, 25.0379,
21.1545)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8E77
RGB	125, 142, 119
RGB Percent	49%, 56%, 47%
CMY	0.5098, 0.4431, 0.5333
CMYK	0.12, 0.00, 0.16, 0.44
HSL	104°, 9%, 51%
HSV	104°, 16%, 56%
XYZ	21.4602, 25.0379, 21.1545
YIQ	134.2950, -2.7490, -10.7570

Conversions

Conversions Part 2

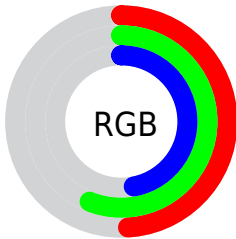
Format	Color
RYB	119, 142, 136
Decimal	8228471
CIELab	57.11, -10.68, 10.22
CIELCh	57, 14.779, 136.251
Yxy	25.0379, 0.3172, 0.3701
Android (android.graphics.Color)	4286418551 (0xFF7D8E77)
YUV	134.2950, -7.5404, -8.1517
Hunter-Lab	50.0379, -11.0114, 9.9605

Details

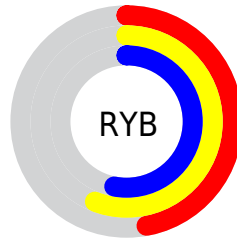
The XYZ color **21.4602, 25.0379, 21.1545** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.6337, 20.3816, 28.3864**, and the grayscale version is **22.7967, 23.9839, 26.1185**.

A 20% lighter version of the original color is **45.4507, 51.8851, 46.1474**, and **7.9450, 9.6457, 7.4043** is the 20% darker color. If you saturate the color by 10%, you get **19.2182, 23.9741, 16.9256**, and if you desaturate by 10%, it is **23.9930, 26.2383, 26.0633**.

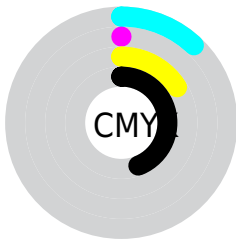
Distribution



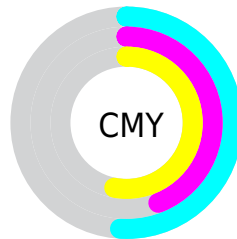
- Red (49%)
- Green (56%)
- Blue (47%)



- Red (47%)
- Yellow (56%)
- Blue (53%)



- Cyan (12%)
- Magenta (0%)
- Yellow (16%)
- Black (44%)



- Cyan (51%)
- Magenta (44%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4602, 25.0379, 21.1545 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 21.4602, 25.0379, 21.1545 by changing the saturation by 10% instead.

■ 21.4602, 25.0379,
21.1545

■ 21.4602, 25.0379,
21.1545

252.3999,
278.0266, 270.9064

■ 13.5752, 16.1053,
13.0446

■ 45.3377, 51.7187,
46.2286

■ 7.9055, 9.5987,
7.3282

■ 62.0609, 70.2357,
64.0300

■ 4.0858, 5.1337,
3.5866

■ 82.4609, 92.7163,
85.8990

■ 1.7508, 2.3259,
1.4014

106.9030,
119.5448, 112.2540

■ 0.4878, 0.7874,
0.1428

135.7526,
151.1057, 143.5138

■ 0.0000, 0.0000,
0.0000

169.3751,

187.7834, 180.0967

208.1357,
229.9622, 222.4214

■ 21.4602, 25.0379,
21.1545

■ 21.4602, 25.0379,
21.1545

■ 19.2182, 23.9741,
16.9256

■ 23.9930, 26.2383,
26.0633

■ 17.2544, 23.0390,
13.3450

■ 26.8246, 27.5767,
31.6784

■ 15.5580, 22.2283,
10.3811

■ 29.9652, 29.0585,
38.0269

■ 14.1170, 21.5366,
7.9992

■ 33.4242, 30.6879,
45.1337

■ 12.9182, 20.9581,
6.1607

■ 37.2101, 32.4689,
53.0228

■ 11.9472, 20.4861,
4.8228

■ 41.3313, 34.4054,
61.7172

■ 11.1880, 20.1136,
3.9359

■ 45.7961, 36.5009,
71.2386

■ 10.6186, 19.8308,
3.4231

■ 50.6122, 38.7592,
81.6082

■ 10.4378, 19.7410,
3.2603

■ 55.7872, 41.1836,
92.8464

Harmonies

Analogous

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



22.8731, 25.0379, 19.0537



21.4602, 25.0379, 21.1545



20.6915, 25.0379, 25.0460

Triad

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



21.4602, 25.0379, 21.1545



23.0109, 25.0379, 37.6769



27.1590, 25.0379, 24.6657

Complementary

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



21.4602, 25.0379, 21.1545



21.6337, 20.3816, 28.3864

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.



27.2003, 25.0379, 29.6050



21.4602, 25.0379, 21.1545



24.7471, 25.0379, 37.5426

Square

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



21.4602, 25.0379, 21.1545



21.5568, 25.0379, 34.7918



26.2992, 25.0379, 34.4446



26.1889, 25.0379, 20.9055

Rectangle

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



21.4602, 25.0379, 21.1545



20.6223, 25.0379, 28.3195



26.2992, 25.0379, 34.4446



27.2835, 25.0379, 26.2312

Sweetspot

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



21.4609, 25.0390, 21.1550



42.8277, 46.5127, 46.9800



23.2716, 24.6546, 20.9854



9.5002, 10.3578, 10.3644



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



21.4609, 25.0390, 21.1550



36.5237, 43.5262, 34.7914



20.9429, 24.7336, 22.8614



5.4666, 6.0932, 5.7773



9.3865, 17.7315, 2.9278



0.1080, 0.1789, 0.0288

Inverse Universe

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



21.6337, 20.3816, 28.3864



36.8800, 33.9055, 49.7285



22.2422, 20.7408, 26.3614



5.4909, 5.4412, 6.7896



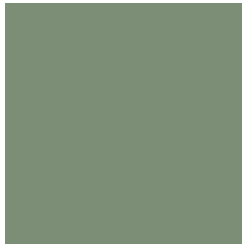
9.6284, 4.4572, 23.3299



0.1127, 0.0533, 0.2240

Previews

White Background



This preview shows how the XYZ color 21.4602, 25.0379, 21.1545 looks on a white background.

Color Contrast Check

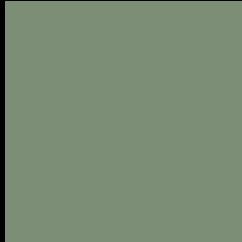
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4602, 25.0379, 21.1545 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 21.4602, 25.0379, 21.1545

Background



This preview shows how black text looks on a background with the XYZ color 21.4602, 25.0379, 21.1545.



This preview shows how white text looks on a background with the XYZ color 21.4602, 25.0379,

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

21.4602, 25.0379, 21.1545

Protanopia

23.5996, 25.0816, 20.1204

Deuteranopia

25.4128, 24.9509, 21.5658



Tritanopia

23.7192, 25.0927, 32.0270

Trichromacy



Original Color

21.4602, 25.0379, 21.1545

Protanomaly

22.7600, 25.0680, 20.4686

Deuteranomaly

23.8714, 24.9841, 21.3336

Tritanomaly

22.7222, 24.8894, 27.6513

Monochromacy



Original Color

21.4602, 25.0379, 21.1545

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.2682, 24.3016, 24.2859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4602, 25.0379, 21.1545 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(125, 142, 119)` looks like.

```
.text, #text, p{  
    color:rgb(125, 142, 119)  
}
```

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(125, 142, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 142, 119) }
```

Border

The CSS property to change the border of an element to XYZ 21.4602, 25.0379, 21.1545 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(125, 142, 119) }
```


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

```
.border{ border-color:rgb(125, 142, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 142, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 142, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 142, 119);  
box-shadow:4px 4px 4px 4px rgb(125, 142,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4602, 25.0379, 21.1545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 142, 119) }
```

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

```
.background{ background-color: rgb(125,  
142, 119) }
```

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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