

Converting Colors

XYZ(24.9245, 27.3969, 21.4116)

Have a look what the booklet for
XYZ(24.9245, 27.3969, 21.4116)
contains.

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Color

**XYZ(24.9568, 27.5120,
21.4477)**

Conversions

Conversions Part 1

Format	Color
Hex	909177
RGB	144, 145, 119
RGB Percent	56%, 57%, 47%
CMY	0.4353, 0.4314, 0.5333
CMYK	0.01, 0.00, 0.18, 0.43
HSL	62°, 11%, 52%
HSV	62°, 18%, 57%
XYZ	24.9568, 27.5120, 21.4477
YIQ	141.7370, 7.7500, -8.2980

Conversions

Conversions Part 2

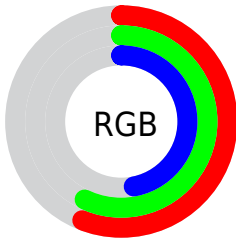
Format	Color
R_{YB}	119, 145, 120
Decimal	9474423
CIE _{Lab}	59.45, -5.02, 13.71
CIE _{LCh}	59, 14.600, 110.114
Yxy	27.5120, 0.3376, 0.3722
Android (android.graphics.Color)	4287664503 (0xFF909177)
YUV	141.7370, -11.2093, 1.9847
Hunter-Lab	52.4519, -6.8598, 12.4725

Details

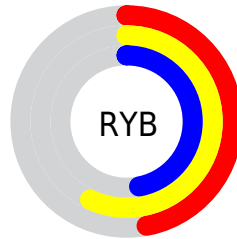
The XYZ color **24.9568, 27.5120, 21.4477** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.4544, 19.2317, 29.4763**, and the grayscale version is **25.6486, 26.9843, 29.3859**.

A 20% lighter version of the original color is **51.0628, 55.7929, 46.6059**, and **9.7437, 10.9665, 7.5644** is the 20% darker color. If you saturate the color by 10%, you get **24.0544, 27.1407, 17.2013**, and if you desaturate by 10%, it is **25.9940, 27.9391, 26.3951**.

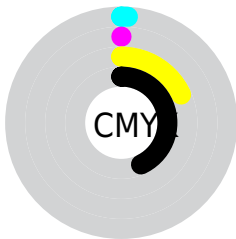
Distribution



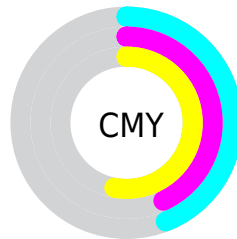
- Red (56%)
- Green (57%)
- Blue (47%)



- Red (47%)
- Yellow (57%)
- Blue (47%)



- Cyan (1%)
- Magenta (0%)
- Yellow (18%)
- Black (43%)



- Cyan (44%)
- Magenta (43%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9568, 27.5120, 21.4477 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 24.9568, 27.5120, 21.4477 by changing the saturation by 10% instead.

■ 24.9568, 27.5120,
21.4477

■ 24.9568, 27.5120,
21.4477

269.9743,
290.1277, 272.5071

■ 16.1734, 17.9581,
13.2572

■ 51.0305, 55.7044,
46.7219

■ 9.7386, 10.9199,
7.4731

■ 69.0516, 75.1117,
64.6427

■ 5.2869, 6.0130,
3.6768

■ 90.8826, 98.5722,
86.6439

■ 2.4530, 2.8530,
1.4498

116.8889,
126.4704, 113.1443

■ 0.8716, 1.0555,
0.1801

147.4359,
159.1907, 144.5622

■ 0.0000, 0.0000,
0.0000

182.8889,

197.1174, 181.3163

223.6133,
240.6349, 223.8251

■ 24.9568, 27.5120,
21.4477

■ 24.9568, 27.5120,
21.4477

■ 24.0544, 27.1407,
17.2013

■ 25.9940, 27.9391,
26.3951

■ 23.2787, 26.8192,
13.6227

■ 27.1695, 28.4207,
32.0715

■ 22.6240, 26.5462,
10.6782

■ 28.4893, 28.9600,
38.5052

■ 22.0831, 26.3187,
8.3309

■ 29.9584, 29.5592,
45.7228

■ 21.6483, 26.1338,
6.5400

■ 31.5817, 30.2200,
53.7494

■ 21.3109, 25.9878,
5.2594

■ 33.3636, 30.9444,
62.6090

■ 21.0607, 25.8769,
4.4357

■ 35.3086, 31.7340,
72.3247

■ 20.8780, 25.7929,
3.9642

■ 37.4208, 32.5906,
82.9186

■ 20.8421, 25.7763,
3.8768

■ 39.7043, 33.5158,
94.4121

Harmonies

Analogous

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



26.7587, 27.5120, 21.0774



24.9568, 27.5120, 21.4477



23.5389, 27.5120, 23.9421

Triad

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



24.9568, 27.5120, 21.4477



23.9552, 27.5120, 38.3811



29.7747, 27.5120, 31.7212

Complementary

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



24.9568, 27.5120, 21.4477



19.4544, 19.2317, 29.4763

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.



28.9459, 27.5120, 36.9007



24.9568, 27.5120, 21.4477



25.5493, 27.5120, 41.0318

Square

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



24.9568, 27.5120, 21.4477



22.9797, 27.5120, 33.5601



27.3793, 27.5120, 40.4605



29.5978, 27.5120, 26.6195

Rectangle

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



24.9568, 27.5120, 21.4477



22.9753, 27.5120, 26.6543



27.3793, 27.5120, 40.4605



29.6030, 27.5120, 33.5195

Sweetspot

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



24.9575, 27.5132, 21.4483



47.1186, 50.2658, 50.0073



21.7081, 20.7532, 20.3147



10.4536, 11.1705, 10.9880



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.



24.9575, 27.5132, 21.4483



43.9319, 48.9559, 34.8143



22.8369, 26.4200, 21.3490



5.8193, 6.2750, 5.7939



17.8812, 22.1107, 3.3254



0.1751, 0.2135, 0.0320

Inverse Universe

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



19.4544, 19.2317, 29.4763



31.9711, 30.9560, 52.2636



21.3603, 20.2143, 29.5655



5.1476, 5.2643, 6.7736



4.4490, 1.7871, 23.0875



0.0456, 0.0187, 0.2209

Previews

White Background



This preview shows how the XYZ color 24.9568, 27.5120, 21.4477 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 24.9568, 27.5120, 21.4477 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 24.9568, 27.5120, 21.4477

Background



This preview shows how black text looks on a background with the XYZ color 24.9568, 27.5120, 21.4477.



This preview shows how white text looks on a background with the XYZ color 24.9568, 27.5120,

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

24.9568, 27.5120, 21.4477

Protanopia

25.8550, 27.5322, 21.0911

Deuteranopia

27.9957, 27.5324, 21.6080



Tritanopia

27.2583, 27.3191, 33.5422

Trichromacy



Original Color

24.9568, 27.5120, 21.4477

Protanomaly

25.4560, 27.5504, 21.1156

Deuteranomaly

26.8197, 27.5739, 21.6780

Tritanomaly

26.4392, 27.4425, 28.7144

Monochromacy



Original Color

24.9568, 27.5120, 21.4477

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.4532, 27.2058, 26.4640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9568, 27.5120, 21.4477 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, 145, 119)` looks like.

```
.text, #text, p{  
    color:rgb(144, 145, 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(144, 145, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 145, 119) }
```

Border

The CSS property to change the border of an element to XYZ 24.9568, 27.5120, 21.4477 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, 145, 119) }
```


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

```
.border{ border-color:rgb(144, 145, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 145, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 145, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 145, 119);  
box-shadow:4px 4px 4px 4px rgb(144, 145,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9568, 27.5120, 21.4477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 145, 119) }
```

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

```
.background{ background-color: rgb(144,  
145, 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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