

Converting Colors

XYZ(24.5163, 24.8680, 25.9558)

Have a look what the booklet for
XYZ(24.5163, 24.8680, 25.9558)
contains.

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Color

**XYZ(24.5052, 24.7912,
26.0479)**

Conversions

Conversions Part 1

Format	Color
Hex	918686
RGB	145, 134, 134
RGB Percent	57%, 53%, 53%
CMY	0.4314, 0.4745, 0.4745
CMYK	0.00, 0.08, 0.08, 0.43
HSL	0°, 5%, 55%
HSV	0°, 8%, 57%
XYZ	24.5052, 24.7912, 26.0479
YIQ	137.2890, 6.5560, 2.3320

Conversions

Conversions Part 2

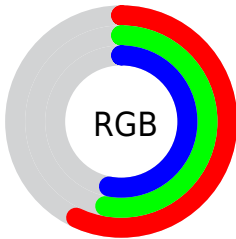
Format	Color
R_{YB}	145, 134, 134
Decimal	9537158
CIE Lab	56.87, 4.13, 1.48
CIE LCh	57, 4.389, 19.767
Yxy	24.7912, 0.3252, 0.3290
Android (android.graphics.Color)	4287727238 (0xFF918686)
YUV	137.2890, -1.6215, 6.7625
Hunter-Lab	49.7908, 0.7174, 3.8361

Details

The XYZ color **24.5052, 24.7912, 26.0479** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.0676, 27.3628, 30.7486**, and the grayscale version is **23.8920, 25.1362, 27.3734**.

A 20% lighter version of the original color is **50.2932, 51.2706, 54.2592**, and **9.4899, 9.4136, 9.7043** is the 20% darker color. If you saturate the color by 10%, you get **21.6945, 20.6785, 20.4589**, and if you desaturate by 10%, it is **27.7307, 29.5109, 32.4600**.

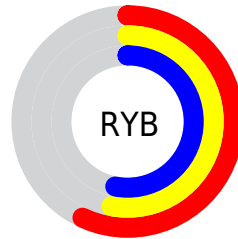
Distribution



Red (57%)

Green (53%)

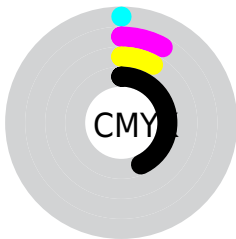
Blue (53%)



Red (57%)

Yellow (53%)

Blue (53%)

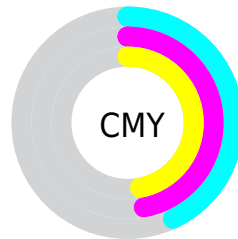


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (43%)



Cyan (43%)

Magenta (47%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5052, 24.7912, 26.0479 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 24.5052, 24.7912, 26.0479 by changing the saturation by 10% instead.

■ 24.5052, 24.7912,
26.0479

■ 24.5052, 24.7912,
26.0479

267.7581,
276.7965, 296.6301

■ 15.8356, 15.9216,
16.6334

■ 50.3021, 51.3183,
54.3372

■ 9.4980, 9.4687,
9.8143

■ 68.1600, 69.7445,
74.0492

■ 5.1271, 5.0481,
5.1720

■ 89.8114, 92.1251,
98.0306

■ 2.3575, 2.2755,
2.2880

115.6217,
118.8444, 126.7002

■ 0.8239, 0.7607,
0.7245

145.9561,
150.2867, 160.4764

■ 0.0000, 0.0000,
0.0000

181.1801,

186.8366, 199.7777

221.6589,
228.8784, 245.0228

■ 24.5052, 24.7912,
26.0479

■ 24.5052, 24.7912,
26.0479

■ 21.6945, 20.6785,
20.4589

■ 27.7307, 29.5109,
32.4600

■ 19.2797, 17.1451,
15.6581

■ 31.3847, 34.8573,
39.7249

■ 17.2437, 14.1660,
11.6105

■ 35.4827, 40.8535,
47.8727

■ 15.5674, 11.7130,
8.2780

■ 40.0390, 47.5202,
56.9319

■ 14.2297, 9.7556,
5.6190

■ 45.0672, 54.8773,
66.9294

■ 13.2078, 8.2601,
3.5876

■ 50.5802, 62.9438,
77.8910

■ 12.4756, 7.1886,
2.1325

■ 56.5906, 71.7380,
89.8417

■ 12.0031, 6.4971,
1.1937

■ 63.1105, 81.2777,
102.8055

■ 11.7347, 6.1042,
0.6603

■ 65.4871, 84.7598,
107.5165

Harmonies

Analogous

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



24.5488, 24.7912, 27.4991



24.5052, 24.7912, 26.0479



24.2071, 24.7912, 24.8907

Triad

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



24.5052, 24.7912, 26.0479



22.8172, 24.7912, 25.2070



23.3882, 24.7912, 29.8743

Complementary

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



24.5052, 24.7912, 26.0479



25.0676, 27.3628, 30.7486

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.



22.9310, 24.7912, 29.2113



24.5052, 24.7912, 26.0479



22.6045, 24.7912, 26.4939

Square

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



24.5052, 24.7912, 26.0479



23.2308, 24.7912, 24.4176



22.6458, 24.7912, 27.9615



23.8989, 24.7912, 29.7443

Rectangle

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



24.5052, 24.7912, 26.0479



23.9066, 24.7912, 24.4250



22.6458, 24.7912, 27.9615



23.2233, 24.7912, 29.7359

Sweetspot

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



24.5059, 24.7923, 26.0484



46.9947, 48.9475, 52.8289



25.3132, 25.1146, 30.3017



10.4716, 10.9139, 11.7863



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.



24.5059, 24.7923, 26.0484



43.0307, 43.1472, 44.9477



25.2856, 26.3516, 26.3083



5.4090, 5.4243, 5.6513



10.0162, 5.1641, 0.4689



0.0958, 0.0494, 0.0045

Inverse Universe

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



25.0676, 27.3628, 30.7486



44.2362, 48.6642, 55.0352



24.2478, 25.7233, 30.4753



5.5602, 6.1161, 6.9162



13.0639, 19.1139, 25.9779



0.1249, 0.1828, 0.2484

Previews

White Background



This preview shows how the XYZ color 24.5052, 24.7912, 26.0479 looks on a white background.

Color Contrast Check

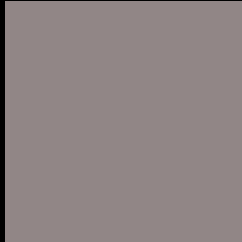
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5052, 24.7912, 26.0479 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

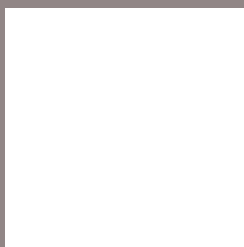
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.5052, 24.7912, 26.0479

Background



This preview shows how black text looks on a background with the XYZ color 24.5052, 24.7912, 26.0479.



This preview shows how white text looks on a background with the XYZ color 24.5052, 24.7912,

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

24.5052, 24.7912, 26.0479

Protanopia

23.8248, 24.8466, 26.4618

Deuteranopia

25.1320, 24.7078, 25.9987



Tritanopia

25.1995, 24.8692, 29.4587

Trichromacy



Original Color

24.5052, 24.7912, 26.0479

Protanomaly

24.0217, 24.7399, 26.4309

Deuteranomaly

24.9033, 24.7922, 26.0271

Tritanomaly

24.9752, 24.7795, 28.2775

Monochromacy



Original Color

24.5052, 24.7912, 26.0479

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.0633, 24.9613, 26.8423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5052, 24.7912, 26.0479 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(145, 134, 134) looks like.

```
.text, #text, p{  
    color:rgb(145, 134, 134)  
}
```

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(145, 134, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 134, 134) }
```

Border

The CSS property to change the border of an element to XYZ 24.5052, 24.7912, 26.0479 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(145, 134, 134) }
```


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

```
.border{ border-color:rgb(145, 134, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 134, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 134, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 134, 134);  
box-shadow:4px 4px 4px 4px rgb(145, 134,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5052, 24.7912, 26.0479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 134, 134) }
```

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

```
.background{ background-color: rgb(145,  
134, 134) }
```

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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