

Converting Colors

XYZ(24.4758, 24.5800, 25.6458)

Have a look what the booklet for
XYZ(24.4758, 24.5800, 25.6458)
contains.

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Color

**XYZ(24.4752, 24.5795,
25.6446)**

Conversions

Conversions Part 1

Format	Color
Hex	928585
RGB	146, 133, 133
RGB Percent	57%, 52%, 52%
CMY	0.4274, 0.4784, 0.4784
CMYK	0.00, 0.09, 0.09, 0.43
HSL	0°, 6%, 55%
HSV	0°, 9%, 57%
XYZ	24.4752, 24.5795, 25.6446
YIQ	136.8870, 7.7480, 2.7560

Conversions

Conversions Part 2

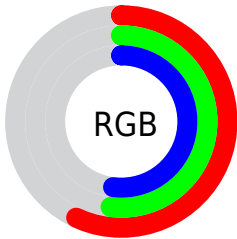
Format	Color
R _Y B	146, 133, 133
Decimal	9602437
CIE Lab	56.66, 4.90, 1.77
CIE LCh	57, 5.207, 19.869
Yxy	24.5795, 0.3276, 0.3290
Android (android.graphics.Color)	4287792517 (0xFF928585)
YUV	136.8870, -1.9163, 7.9921
Hunter-Lab	49.5777, 1.3597, 4.0360

Details

The XYZ color **24.4752, 24.5795, 25.6446** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.1399, 27.6190, 31.2004**, and the grayscale version is **23.7407, 24.9771, 27.2000**.

A 20% lighter version of the original color is **50.2412, 50.9423, 53.6392**, and **9.4899, 9.4136, 9.7043** is the 20% darker color. If you saturate the color by 10%, you get **21.6745, 20.4815, 20.0756**, and if you desaturate by 10%, it is **27.6953, 29.2913, 32.0457**.

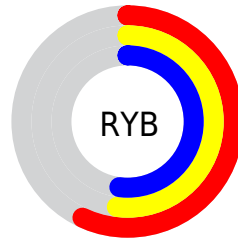
Distribution



Red (57%)

Green (52%)

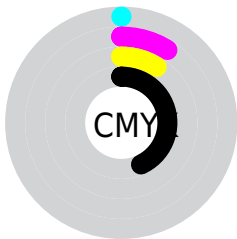
Blue (52%)



Red (57%)

Yellow (52%)

Blue (52%)

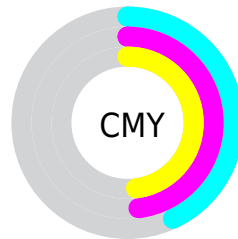


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (43%)



Cyan (43%)

Magenta (48%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4752, 24.5795, 25.6446 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 24.4752, 24.5795, 25.6446 by changing the saturation by 10% instead.

■ 24.4752, 24.5795,
25.6446

■ 24.4752, 24.5795,
25.6446

267.6103,
275.7373, 294.5828

■ 15.8131, 15.7640,
16.3346

■ 50.2536, 50.9742,
53.6781

■ 9.4820, 9.3573,
9.6043

■ 68.1007, 69.3223,
73.2386

■ 5.1165, 4.9750,
5.0352

■ 89.7401, 91.6167,
97.0530

■ 2.3512, 2.2326,
2.2089

115.5373,
118.2418, 125.5399

■ 0.8207, 0.7377,
0.6795

145.8575,
149.5820, 159.1178

■ 0.0000, 0.0000,
0.0000

181.0662,

186.0217, 198.2052

221.5287,
227.9454, 243.2207

■ 24.4752, 24.5795,
25.6446

■ 24.4752, 24.5795,
25.6446

■ 21.6745, 20.4815,
20.0756

■ 27.6953, 29.2913,
32.0457

■ 19.2739, 16.9689,
15.3032

■ 31.3488, 34.6371,
39.3095

■ 17.2559, 14.0159,
11.2913

■ 35.4517, 40.6406,
47.4670

■ 15.6006, 11.5938,
8.0008

■ 40.0186, 47.3229,
56.5470

■ 14.2866, 9.6710,
5.3887

■ 45.0634, 54.7043,
66.5772

■ 13.2901, 8.2127,
3.4080

■ 50.5993, 62.8044,
77.5840

■ 12.5843, 7.1798,
2.0052

■ 56.6392, 71.6419,
89.5929

■ 12.1379, 6.5264,
1.1181

■ 63.1954, 81.2348,
102.6284

■ 11.8806, 6.1500,
0.6068

■ 65.6642, 84.8510,
107.5248

Harmonies

Analogous

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



24.5281, 24.5795, 27.3542



24.4752, 24.5795, 25.6446



24.1212, 24.5795, 24.2916

Triad

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



24.4752, 24.5795, 25.6446



22.4824, 24.5795, 24.6690



23.1577, 24.5795, 30.1844

Complementary

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



24.4752, 24.5795, 25.6446



25.1399, 27.6190, 31.2004

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.



22.6190, 24.5795, 29.3964



24.4752, 24.5795, 25.6446



22.2337, 24.5795, 26.1802

Square

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



24.4752, 24.5795, 25.6446



22.9683, 24.5795, 23.7454



22.2832, 24.5795, 27.9132



23.7604, 24.5795, 30.0258

Rectangle

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



24.4752, 24.5795, 25.6446



23.7654, 24.5795, 23.7502



22.2832, 24.5795, 27.9132



22.9633, 24.5795, 30.0201

Sweetspot

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



24.4759, 24.5806, 25.6451



46.4050, 48.0846, 51.6565



25.4302, 24.9617, 30.6721



10.2272, 10.5563, 11.3004



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.



24.4759, 24.5806, 25.6451



41.9674, 41.5914, 42.8340



25.3931, 26.4151, 25.9509



5.8009, 5.8156, 6.0572



10.4320, 5.3784, 0.4883



0.1277, 0.0659, 0.0060

Inverse Universe

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



25.1399, 27.6190, 31.2004



43.4213, 48.2440, 54.9970



24.1666, 25.6725, 30.8759



5.9640, 6.5620, 7.4220



13.6070, 19.9089, 27.0567



0.1666, 0.2437, 0.3312

Previews

White Background



This preview shows how the XYZ color 24.4752, 24.5795, 25.6446 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 24.4752, 24.5795, 25.6446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

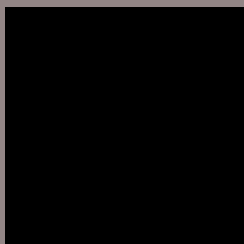
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.4752, 24.5795, 25.6446

Background



This preview shows how black text looks on a background with the XYZ color 24.4752, 24.5795, 25.6446.



This preview shows how white text looks on a background with the XYZ color 24.4752, 24.5795,

25.6446.

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

24.4752, 24.5795, 25.6446

Protanopia

23.6145, 24.5381, 26.0460

Deuteranopia

25.0626, 24.6800, 25.6331



Tritanopia

25.1664, 24.6586, 29.0244

Trichromacy



Original Color

24.4752, 24.5795, 25.6446

Protanomaly

23.9835, 24.5222, 26.0234

Deuteranomaly

24.8793, 24.5855, 25.6245

Tritanomaly

24.9441, 24.5697, 27.8538

Monochromacy



Original Color

24.4752, 24.5795, 25.6446

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 24.4752, 24.5795, 25.6446 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(146, 133, 133) looks like.

```
.text, #text, p{  
    color:rgb(146, 133, 133)  
}
```

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(146, 133, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 133, 133) }
```

Border

The CSS property to change the border of an element to XYZ 24.4752, 24.5795, 25.6446 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(146, 133, 133) }
```


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

```
.border{ border-color:rgb(146, 133, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 133, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 133, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 133, 133);  
box-shadow:4px 4px 4px 4px rgb(146, 133,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4752, 24.5795, 25.6446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 133, 133) }
```

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

```
.background{ background-color: rgb(146,  
133, 133) }
```

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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