

Converting Colors

XYZ(24.4331, 25.3157, 28.3477)

Have a look what the booklet for
XYZ(24.4331, 25.3157, 28.3477)
contains.

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Color

**XYZ(24.4945, 25.3602,
28.4150)**

Conversions

Conversions Part 1

Format	Color
Hex	8C898C
RGB	140, 137, 140
RGB Percent	55%, 54%, 55%
CMY	0.4510, 0.4627, 0.4510
CMYK	0.00, 0.02, 0.00, 0.45
HSL	300°, 1%, 54%
HSV	300°, 2%, 55%
XYZ	24.4945, 25.3602, 28.4150
YIQ	138.2390, 0.8250, 1.5690

Conversions

Conversions Part 2

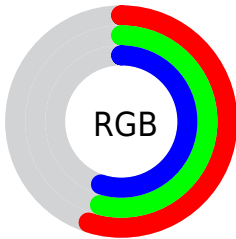
Format	Color
R_{YB}	140, 137, 140
Decimal	9210252
CIE Lab	57.42, 1.70, -1.21
CIE LCh	57, 2.089, 324.460
Yxy	25.3602, 0.3129, 0.3240
Android (android.graphics.Color)	4287400332 (0xFF8C898C)
YUV	138.2390, 0.8682, 1.5444
Hunter-Lab	50.3589, -1.3060, 1.7969

Details

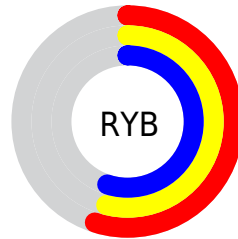
The XYZ color **24.4945, 25.3602, 28.4150** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.2109, 25.8814, 27.3877**, and the grayscale version is **24.2459, 25.5086, 27.7788**.

A 20% lighter version of the original color is **50.2872, 52.1465, 57.8669**, and **9.4701, 9.7282, 11.0515** is the 20% darker color. If you saturate the color by 10%, you get **22.6323, 21.6357, 27.7946**, and if you desaturate by 10%, it is **26.6164, 29.6034, 29.1226**.

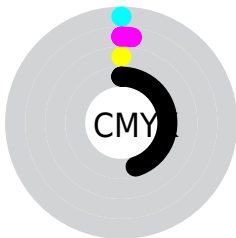
Distribution



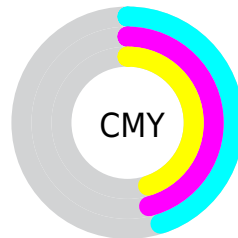
- Red (55%)
- Green (54%)
- Blue (55%)



- Red (55%)
- Yellow (54%)
- Blue (55%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (45%)



- Cyan (45%)
- Magenta (46%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4945, 25.3602, 28.4150 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 24.4945, 25.3602, 28.4150 by changing the saturation by 10% instead.

■ 24.4945, 25.3602,
28.4150

■ 24.4945, 25.3602,
28.4150

267.7054,
279.6270, 308.4188

■ 15.8276, 16.3456,
18.3970

■ 50.2848, 52.2410,
58.1774

■ 9.4923, 9.7691,
11.0630

■ 68.1388, 70.8760,
78.7588

■ 5.1233, 5.2461,
5.9945

■ 89.7860, 93.4865,
103.6985

■ 2.3553, 2.3924,
2.7730

115.5916,
120.4571, 133.4148

■ 0.8227, 0.8220,
0.9799

145.9209,
152.1720, 168.3265

■ 0.0000, 0.0000,
0.0000

181.1395,

189.0157, 208.8521

221.6125,
231.3726, 255.4099

■ 24.4945, 25.3602,
28.4150

■ 24.4945, 25.3602,
28.4150

■ 22.6323, 21.6357,
27.7946

■ 26.6164, 29.6034,
29.1226

■ 21.0178, 18.4068,
27.2565

■ 29.0051, 34.3807,
29.9188

■ 19.6412, 15.6538,
26.7977

■ 31.6703, 39.7109,
30.8071

■ 18.4913, 13.3541,
26.4144

■ 34.6203, 45.6109,
31.7905

■ 17.5558, 11.4834,
26.1026

■ 37.8634, 52.0969,
32.8715

■ 16.8216, 10.0151,
25.8579

■ 41.4073, 59.1844,
34.0527

■ 16.2739, 8.9198,
25.6753

■ 45.2594, 66.8885,
35.3367

■ 15.8959, 8.1639,
25.5494

■ 49.4270, 75.2235,
36.7259

■ 15.6678, 7.7079,
25.4734

■ 51.3101, 78.9895,
37.3536

Harmonies

Analogous

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



24.3022, 25.3602, 28.8757



24.4945, 25.3602, 28.4150



24.5822, 25.3602, 27.7451

Triad

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



24.4945, 25.3602, 28.4150



24.1502, 25.3602, 26.2749



23.6723, 25.3602, 28.1827

Complementary

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



24.4945, 25.3602, 28.4150



24.2109, 25.8814, 27.3877

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.



23.6323, 25.3602, 27.4812



24.4945, 25.3602, 28.4150



23.9071, 25.3602, 26.3875

Square

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



24.4945, 25.3602, 28.4150



24.3826, 25.3602, 26.5157



23.7179, 25.3602, 26.8261



23.8278, 25.3602, 28.7400

Rectangle

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



24.4945, 25.3602, 28.4150



24.5692, 25.3602, 27.2731



23.7179, 25.3602, 26.8261



23.6450, 25.3602, 27.9556

Sweetspot

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



24.4952, 25.3613, 28.4156



43.5815, 45.5043, 50.2292



24.0040, 25.1186, 28.3946



10.0477, 10.4962, 11.5758



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.



24.4952, 25.3613, 28.4156



42.8640, 44.0693, 49.9900



24.3891, 25.3188, 27.8565



5.4670, 5.5952, 6.3977



13.8149, 6.6359, 22.5984



0.0918, 0.0441, 0.1501

Inverse Universe

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



24.2772, 25.2741, 27.2671



42.3172, 43.8506, 47.1105



24.3156, 25.9232, 27.9389



5.3837, 5.5619, 5.9589



9.6099, 4.9541, 0.4499



0.0638, 0.0329, 0.0030

Previews

White Background



This preview shows how the XYZ color 24.4945, 25.3602, 28.4150 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 24.4945, 25.3602, 28.4150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

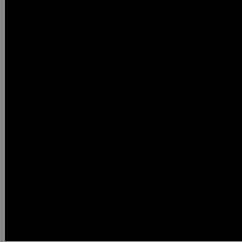
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

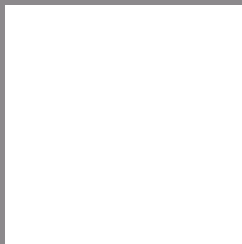
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.4945, 25.3602, 28.4150

Background



This preview shows how black text looks on a background with the XYZ color 24.4945, 25.3602, 28.4150.

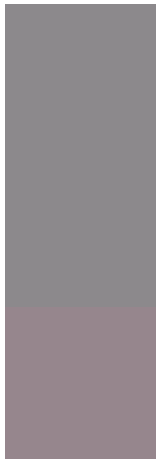


This preview shows how white text looks on a background with the XYZ color 24.4945, 25.3602,

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

24.4945, 25.3602, 28.4150

Protanopia

24.4945, 25.3602, 28.4150

Deuteranopia

25.9105, 25.4573, 28.7474



Tritanopia

25.0551, 25.3776, 31.1816

Trichromacy

**Original Color**

24.4945, 25.3602, 28.4150

Protanomaly

24.4945, 25.3602, 28.4150

Deuteranomaly

25.3258, 25.3620, 28.7599

Tritanomaly

24.8227, 25.2847, 29.9577

Monochromacy

**Original Color**

24.4945, 25.3602, 28.4150

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.3961, 25.5300, 28.0681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4945, 25.3602, 28.4150 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(140, 137, 140)` looks like.

```
.text, #text, p{  
    color:rgb(140, 137, 140)  
}
```

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(140, 137, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 137, 140) }
```

Border

The CSS property to change the border of an element to XYZ 24.4945, 25.3602, 28.4150 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(140, 137, 140) }
```


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

```
.border{ border-color:rgb(140, 137, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 137, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 137, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 137, 140);  
box-shadow:4px 4px 4px 4px rgb(140, 137,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4945, 25.3602, 28.4150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 137, 140) }
```

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

```
.background{ background-color: rgb(140,  
137, 140) }
```

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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