

Converting Colors

XYZ(24.9987, 25.2277, 26.7910)

Have a look what the booklet for
XYZ(24.9987, 25.2277, 26.7910)
contains.

| | |
|------------------------------------------------|----|
| XYZ(24.9620, 25.2165, 26.8442) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(24.9620, 25.2165,
26.8442)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 928788 |
| RGB | 146, 135, 136 |
| RGB Percent | 57%, 53%, 53% |
| CMY | 0.4274, 0.4706, 0.4667 |
| CMYK | 0.00, 0.08, 0.07, 0.43 |
| HSL | 355°, 5%, 55% |
| HSV | 355°, 8%, 57% |
| XYZ | 24.9620, 25.2165, 26.8442 |
| YIQ | 138.4030, 6.2350, 2.6430 |

Conversions

Conversions Part 2

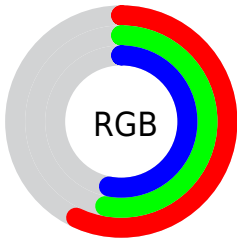
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 146, 135, 136 |
| Decimal | 9602952 |
| CIE Lab | 57.29, 4.31, 0.95 |
| CIE LCh | 57, 4.413, 12.384 |
| Yxy | 25.2165, 0.3241, 0.3274 |
| Android (android.graphics.Color) | 4287793032 (0xFF928788) |
| YUV | 138.4030, -1.1847, 6.6626 |
| Hunter-Lab | 50.2160, 0.8529, 3.4563 |

Details

The XYZ color **24.9620, 25.2165, 26.8442** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.3824, 27.7537, 30.8087**, and the grayscale version is **24.3148, 25.5810, 27.8577**.

A 20% lighter version of the original color is **50.9879, 51.9199, 55.4783**, and **9.6475, 9.6018, 10.1489** is the 20% darker color. If you saturate the color by 10%, you get **22.1773, 21.0644, 21.5458**, and if you desaturate by 10%, it is **28.1444, 29.9762, 32.8524**.

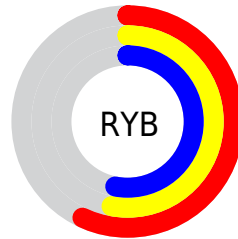
Distribution



Red (57%)

Green (53%)

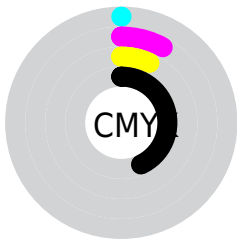
Blue (53%)



Red (57%)

Yellow (53%)

Blue (53%)

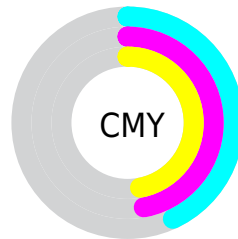


Cyan (0%)

Magenta (8%)

Yellow (7%)

Black (43%)



Cyan (43%)

Magenta (47%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9620, 25.2165, 26.8442 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 24.9620, 25.2165, 26.8442 by changing the saturation by 10% instead.

■ 24.9620, 25.2165,
26.8442

■ 24.9620, 25.2165,
26.8442

269.9998,
278.9144, 300.6382

■ 16.1773, 16.2384,
17.2248

■ 51.0389, 52.0082,
55.6345

■ 9.7414, 9.6930,
10.2313

■ 69.0619, 70.5907,
75.6424

■ 5.2888, 5.1959,
5.4450

■ 90.8949, 93.1434,
99.9504

■ 2.4542, 2.3627,
2.4474

116.9035,
120.0507, 128.9768

■ 0.8722, 0.8066,
0.8121

147.4529,
151.6971, 163.1402

■ 0.0000, 0.0000,
0.0000

182.9085,

188.4669, 202.8593

223.6357,
230.7446, 248.5524

■ 24.9620, 25.2165,
26.8442

■ 24.9620, 25.2165,
26.8442

■ 22.1773, 21.0644,
21.5458

■ 28.1444, 29.9762,
32.8524

■ 19.7726, 17.4925,
16.9294

■ 31.7370, 35.3633,
39.5936

■ 17.7321, 14.4758,
12.9678

■ 35.7545, 41.4005,
47.0919

■ 16.0378, 11.9864,
9.6313

■ 40.2102, 48.1085,
55.3699

■ 14.6706, 9.9941,
6.8878

■ 45.1168, 55.5071,
64.4492

■ 13.6093, 8.4654,
4.7027

■ 50.4864, 63.6152,
74.3506

■ 12.8300, 7.3628,
3.0373

■ 56.3309, 72.4511,
85.0940

■ 12.3056, 6.6430,
1.8483

■ 62.6614, 82.0323,
96.6988

■ 11.9908, 6.2283,
1.0810

■ 65.6642, 84.8511,
107.5248

Harmonies

Analogous

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



24.9376, 25.2165, 28.3363



24.9620, 25.2165, 26.8442



24.7171, 25.2165, 25.5627

Triad

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



24.9620, 25.2165, 26.8442



23.2968, 25.2165, 25.3861



23.6648, 25.2165, 30.2904

Complementary

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



24.9620, 25.2165, 26.8442



25.3824, 27.7537, 30.8087

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.



23.2333, 25.2165, 29.4415



24.9620, 25.2165, 26.8442



23.0229, 25.2165, 26.5951

Square

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



24.9620, 25.2165, 26.8442



23.7528, 25.2165, 24.7416



22.9998, 25.2165, 28.0780



24.1836, 25.2165, 30.3630

Rectangle

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



24.9620, 25.2165, 26.8442



24.4361, 25.2165, 24.9857



22.9998, 25.2165, 28.0780



23.5049, 25.2165, 30.0850

Sweetspot

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



24.9627, 25.2176, 26.8447



47.0307, 48.9616, 53.0193



25.5125, 25.4150, 30.7555



10.4791, 10.9168, 11.8260



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.



24.9627, 25.2176, 26.8447



43.1784, 43.2050, 45.7296



25.5187, 26.4425, 26.6819



5.8209, 5.8234, 6.1630



10.5011, 5.4055, 0.8537



0.1327, 0.0678, 0.0327

Inverse Universe

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



24.9627, 25.2176, 26.8447



43.1784, 43.2050, 45.7296



24.7945, 26.4543, 30.9939



5.8209, 5.8234, 6.1630



10.5011, 5.4055, 0.8537



0.1327, 0.0678, 0.0327

Previews

White Background



This preview shows how the XYZ color 24.9620, 25.2165, 26.8442 looks on a white background.

Color Contrast Check

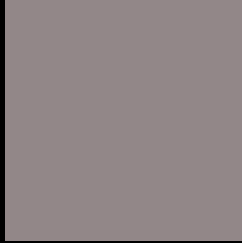
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9620, 25.2165, 26.8442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

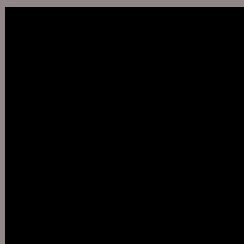
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

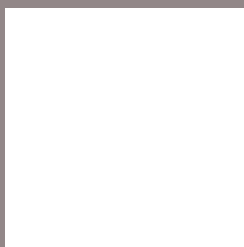
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9620, 25.2165, 26.8442

Background



This preview shows how black text looks on a background with the XYZ color 24.9620, 25.2165, 26.8442.



This preview shows how white text looks on a background with the XYZ color 24.9620, 25.2165,

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

24.9620, 25.2165, 26.8442

Protanopia

24.2762, 25.2729, 27.2656

Deuteranopia

25.5940, 25.1319, 26.7946



Tritanopia

25.5918, 25.2669, 29.9137

Trichromacy



Original Color

24.9620, 25.2165, 26.8442

Protanomaly

24.4748, 25.1652, 27.2343

Deuteranomaly

25.3635, 25.2173, 26.8232

Tritanomaly

25.3654, 25.1763, 28.7219

Monochromacy



Original Color

24.9620, 25.2165, 26.8442

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.4455, 25.3602, 27.2735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9620, 25.2165, 26.8442 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, 135, 136) looks like.

```
.text, #text, p{  
    color:rgb(146, 135, 136)  
}
```

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, 135, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 135, 136) }
```

Border

The CSS property to change the border of an element to XYZ 24.9620, 25.2165, 26.8442 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, 135, 136) }
```


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

```
.border{ border-color:rgb(146, 135, 136) }
```

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

Here you see how a box with a 4 pixel rgb(146, 135, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 135, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 135, 136);  
box-shadow:4px 4px 4px 4px rgb(146, 135,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9620, 25.2165, 26.8442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 135, 136) }
```

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

```
.background{ background-color: rgb(146,  
135, 136) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor