

Converting Colors

XYZ(25.0068, 27.9865, 32.0179)

Have a look what the booklet for
XYZ(25.0068, 27.9865, 32.0179)
contains.

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Color

**XYZ(24.9885, 27.9851,
32.1016)**

Conversions

Conversions Part 1

Format	Color
Hex	819494
RGB	129, 148, 148
RGB Percent	51%, 58%, 58%
CMY	0.4941, 0.4196, 0.4196
CMYK	0.13, 0.00, 0.00, 0.42
HSL	180°, 8%, 54%
HSV	180°, 13%, 58%
XYZ	24.9885, 27.9851, 32.1016
YIQ	142.3190, -11.3240, -4.0280

Conversions

Conversions Part 2

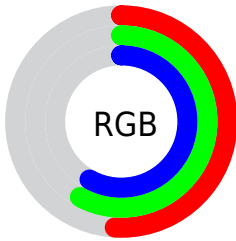
Format	Color
R_{YB}	129, 139, 148
Decimal	8492180
CIE _{Lab}	59.88, -6.74, -2.29
CIE _{LCh}	60, 7.118, 198.793
Yxy	27.9851, 0.2937, 0.3289
Android (android.graphics.Color)	4286682260 (0xFF819494)
YUV	142.3190, 2.8007, -11.6808
Hunter-Lab	52.9009, -8.2597, 1.0520

Details

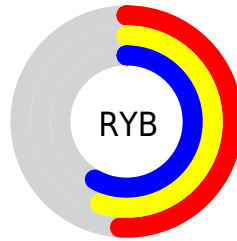
The XYZ color **24.9885, 27.9851, 32.1016** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.0265, 23.5822, 24.0557**, and the grayscale version is **25.8306, 27.1758, 29.5945**.

A 20% lighter version of the original color is **51.0726, 56.4504, 64.0813**, and **9.7406, 11.1179, 12.9418** is the 20% darker color. If you saturate the color by 10%, you get **22.9013, 26.9099, 32.0038**, and if you desaturate by 10%, it is **27.4030, 29.2305, 32.2159**.

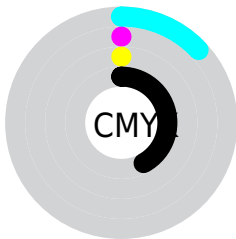
Distribution



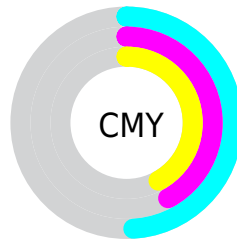
- Red (51%)
- Green (58%)
- Blue (58%)



- Red (51%)
- Yellow (55%)
- Blue (58%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (42%)



- Cyan (49%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9885, 27.9851, 32.1016 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 24.9885, 27.9851, 32.1016 by changing the saturation by 10% instead.

■ 24.9885, 27.9851,
32.1016

■ 24.9885, 27.9851,
32.1016

270.1294,
292.3957, 326.0888

■ 16.1972, 18.3144,
21.1737

■ 51.0816, 56.4607,
64.0701

■ 9.7555, 11.1760,
13.0585

■ 69.1141, 76.0343,
85.9477

■ 5.2982, 6.1853,
7.3377

■ 90.9576, 99.6778,
112.3123

■ 2.4598, 2.9581,
3.5925

116.9777,
127.7754, 143.5824

■ 0.8750, 1.1099,
1.4046

147.5395,
160.7116, 180.1766

■ 0.0000, 0.0000,
0.1453

183.0085,

■ 0.0000, 0.0000,

198.8708, 222.5133

0.0000

223.7500,
242.6374, 271.0112

■ 24.9885, 27.9851,
32.1016

■ 24.9885, 27.9851,
32.1016

■ 22.9013, 26.9099,
32.0038

■ 27.4030, 29.2305,
32.2159

■ 21.1250, 25.9942,
31.9199

■ 30.1554, 30.6495,
32.3455

■ 19.6455, 25.2315,
31.8499

■ 33.2590, 32.2494,
32.4915

■ 18.4466, 24.6135,
31.7930

■ 36.7254, 34.0364,
32.6545

■ 17.5106, 24.1310,
31.7485

■ 40.5660, 36.0163,
32.8349

■ 16.8178, 23.7738,
31.7153

■ 44.7914, 38.1945,
33.0334

■ 16.3456, 23.5304,
31.6925

■ 49.4119, 40.5765,
33.2504

■ 16.0674, 23.3870,
31.6787

■ 54.4374, 43.1672,
33.4864

■ 15.9346, 23.3185,
31.6720

■ 57.1771, 44.5795,
33.6153

Harmonies

Analogous

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



24.9315, 27.9851, 29.5145



24.9885, 27.9851, 32.1016



25.4712, 27.9851, 34.3683

Triad

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



24.9885, 27.9851, 32.1016



27.9271, 27.9851, 33.8666



26.9380, 27.9851, 25.8478

Complementary

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



24.9885, 27.9851, 32.1016



24.0265, 23.5822, 24.0557

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.



27.7596, 27.9851, 26.8801



24.9885, 27.9851, 32.1016



28.3392, 27.9851, 31.4480

Square

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



24.9885, 27.9851, 32.1016



27.1624, 27.9851, 35.4264



28.2772, 27.9851, 28.8966



26.0434, 27.9851, 26.0007

Rectangle

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



24.9885, 27.9851, 32.1016



25.9757, 27.9851, 35.3472



28.2772, 27.9851, 28.8966



27.2322, 27.9851, 26.0652

Sweetspot

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



24.9893, 27.9863, 32.1022



47.7883, 51.2843, 56.8142



23.6547, 27.4580, 24.8226



10.8376, 11.6703, 12.9661



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.9893, 27.9863, 32.1022



43.1313, 48.8836, 56.5948



23.6055, 25.2184, 31.6419



5.9641, 6.5622, 7.4219



13.6100, 19.9168, 27.0517



0.1666, 0.2438, 0.3311

Inverse Universe

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



24.0265, 23.5822, 24.0557



41.1405, 39.7769, 39.9562



25.2911, 26.1115, 24.4765



5.8008, 5.8154, 6.0574



10.4318, 5.3778, 0.4887



0.1277, 0.0658, 0.0060

Previews

White Background



This preview shows how the XYZ color 24.9885, 27.9851, 32.1016 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 24.9885, 27.9851, 32.1016 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

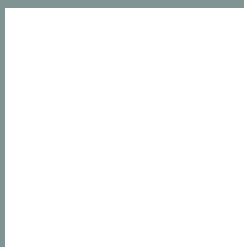
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9885, 27.9851, 32.1016

Background



This preview shows how black text looks on a background with the XYZ color 24.9885, 27.9851, 32.1016.

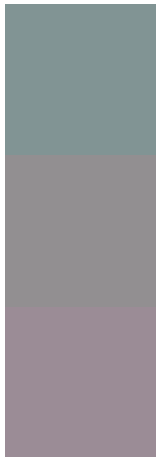


This preview shows how white text looks on a background with the XYZ color 24.9885, 27.9851,

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

24.9885, 27.9851, 32.1016

Protanopia

26.7874, 27.8002, 30.7422

Deuteranopia

28.4007, 27.9267, 32.7477



Tritanopia

25.8105, 27.8517, 36.3633

Trichromacy



Original Color

24.9885, 27.9851, 32.1016

Protanomaly

26.1289, 27.9016, 31.2025

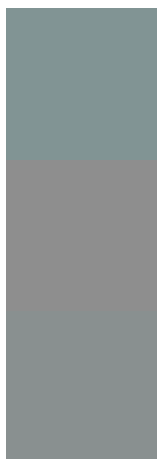
Deuteranomaly

27.1013, 27.9258, 32.3956

Tritanomaly

25.4724, 27.9464, 34.6235

Monochromacy



Original Color

24.9885, 27.9851, 32.1016

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.3238, 27.2785, 30.3161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9885, 27.9851, 32.1016 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(129, 148, 148)` looks like.

```
.text, #text, p{  
    color:rgb(129, 148, 148)  
}
```

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(129, 148, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 148, 148) }
```

Border

The CSS property to change the border of an element to XYZ 24.9885, 27.9851, 32.1016 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(129, 148, 148) }
```


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

```
.border{ border-color:rgb(129, 148, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 148, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 148, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 148, 148); box-shadow:4px 4px 4px 4px rgb(129, 148, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9885, 27.9851, 32.1016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 148, 148) }
```

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

```
.background{ background-color: rgb(129,  
148, 148) }
```

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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