

Converting Colors

XYZ(24.7692, 28.1407, 26.5944)

Have a look what the booklet for
XYZ(24.7692, 28.1407, 26.5944)
contains.

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Color

**XYZ(24.8820, 28.2845,
26.7023)**

Conversions

Conversions Part 1

Format	Color
Hex	869586
RGB	134, 149, 134
RGB Percent	53%, 58%, 53%
CMY	0.4745, 0.4157, 0.4745
CMYK	0.10, 0.00, 0.10, 0.42
HSL	120°, 7%, 55%
HSV	120°, 10%, 58%
XYZ	24.8820, 28.2845, 26.7023
YIQ	142.8050, -4.1250, -7.8450

Conversions

Conversions Part 2

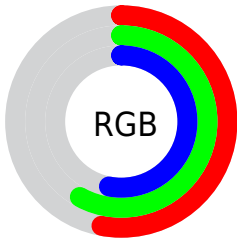
Format	Color
R_{YB}	134, 149, 149
Decimal	8820102
CIE _{Lab}	60.14, -8.36, 6.10
CIE _{LCh}	60, 10.344, 143.884
Yxy	28.2845, 0.3115, 0.3541
Android (android.graphics.Color)	4287010182 (0xFF869586)
YUV	142.8050, -4.3409, -7.7220
Hunter-Lab	53.1832, -9.5585, 7.4598

Details

The XYZ color **24.8820, 28.2845, 26.7023** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.3453, 25.6102, 31.9897**, and the grayscale version is **26.0492, 27.4058, 29.8450**.

A 20% lighter version of the original color is **50.8191, 56.8645, 55.3112**, and **9.6241, 11.2603, 10.0537** is the 20% darker color. If you saturate the color by 10%, you get **21.7054, 26.7595, 21.5059**, and if you desaturate by 10%, it is **28.5413, 30.0431, 32.6869**.

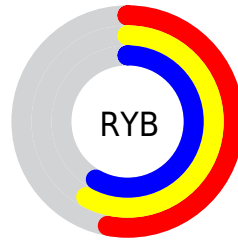
Distribution



Red (53%)

Green (58%)

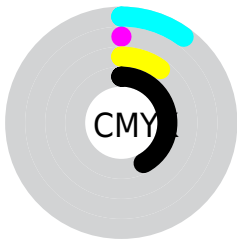
Blue (53%)



Red (53%)

Yellow (58%)

Blue (58%)

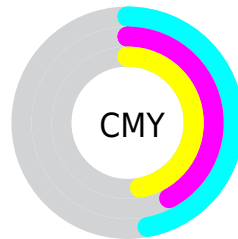


Cyan (10%)

Magenta (0%)

Yellow (10%)

Black (42%)



Cyan (47%)

Magenta (42%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8820, 28.2845, 26.7023 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 24.8820, 28.2845, 26.7023 by changing the saturation by 10% instead.

■ 24.8820, 28.2845,
26.7023

■ 24.8820, 28.2845,
26.7023

269.6083,
293.8239, 299.9272

■ 16.1174, 18.5402,
17.1193

■ 50.9100, 56.9383,
55.4037

■ 9.6987, 11.3385,
10.1567

■ 68.9041, 76.6167,
75.3592

■ 5.2603, 6.2950,
5.3960

■ 90.7055, 100.3752,
99.6093

■ 2.4371, 3.0253,
2.4187

116.6795,
128.5983, 128.5725

■ 0.8637, 1.1450,
0.7966

147.1914,
161.6703, 162.6673

■ 0.0000, 0.0160,
0.0000

182.6066,

■ 0.0000, 0.0000,

199.9756, 202.3124

0.0000

223.2904,
243.8987, 247.9262

■ 24.8820, 28.2845,
26.7023

■ 24.8820, 28.2845,
26.7023

■ 21.7054, 26.7595,
21.5059

■ 28.5413, 30.0431,
32.6869

■ 18.9891, 25.4547,
17.0630

■ 32.6997, 32.0406,
39.4885

■ 16.7125, 24.3611,
13.3392

■ 37.3759, 34.2868,
47.1370

■ 14.8525, 23.4677,
10.2969

■ 42.5868, 36.7899,
55.6600

■ 13.3839, 22.7622,
7.8946

■ 48.3486, 39.5576,
65.0841

■ 12.2787, 22.2313,
6.0867

■ 54.6768, 42.5973,
75.4345

■ 11.5053, 21.8598,
4.8216

■ 61.5862, 45.9163,
86.7356

■ 11.0266, 21.6299,
4.0385

■ 69.0913, 49.5214,
99.0109

■ 10.7481, 21.4961,
3.5829

■ 70.0380, 49.9761,
100.5627

Harmonies

Analogous

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



25.8675, 28.2845, 24.6086



24.8820, 28.2845, 26.7023



24.4345, 28.2845, 30.0279

Triad

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



24.8820, 28.2845, 26.7023



26.6136, 28.2845, 38.6173



29.2754, 28.2845, 27.9426

Complementary

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



24.8820, 28.2845, 26.7023



26.3453, 25.6102, 31.9897

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.



29.4910, 28.2845, 31.5792



24.8820, 28.2845, 26.7023



27.9259, 28.2845, 37.9445

Square

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



24.8820, 28.2845, 26.7023



25.4130, 28.2845, 37.0601



28.9897, 28.2845, 35.2903



28.4098, 28.2845, 25.2826

Rectangle

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



24.8820, 28.2845, 26.7023



24.4907, 28.2845, 32.5771



28.9897, 28.2845, 35.2903



29.4275, 28.2845, 29.0830

Sweetspot

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



24.8828, 28.2857, 26.7029



49.0585, 52.8144, 55.1778



27.4463, 29.6072, 26.8226



10.7589, 11.6501, 12.0432



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.



24.8828, 28.2857, 26.7029



43.2501, 50.0244, 45.6773



25.4248, 28.5025, 29.5571



5.7296, 6.4684, 6.1871



9.0455, 18.0910, 3.0154



0.1107, 0.2214, 0.0369

Inverse Universe

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



26.3453, 25.6102, 31.9897



46.3888, 44.2827, 57.0230



25.7654, 25.3783, 28.9361



6.0353, 5.9092, 7.2922



14.9969, 7.2038, 24.5283



0.1836, 0.0882, 0.3002

Previews

White Background



This preview shows how the XYZ color 24.8820, 28.2845, 26.7023 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 24.8820, 28.2845, 26.7023 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

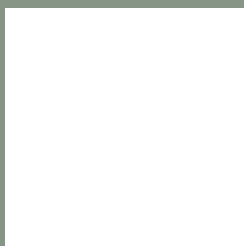
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.8820, 28.2845, 26.7023

Background



This preview shows how black text looks on a background with the XYZ color 24.8820, 28.2845, 26.7023.

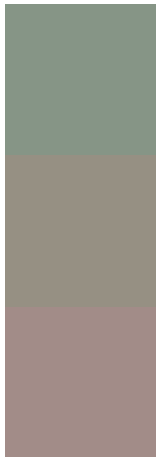


This preview shows how white text looks on a background with the XYZ color 24.8820, 28.2845,

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

24.8820, 28.2845, 26.7023

Protanopia

26.6477, 28.0692, 25.4862

Deuteranopia

28.7223, 28.2151, 27.2248



Tritanopia

26.8459, 28.3954, 35.9642

Trichromacy



Original Color

24.8820, 28.2845, 26.7023

Protanomaly

25.9453, 28.1530, 25.8964

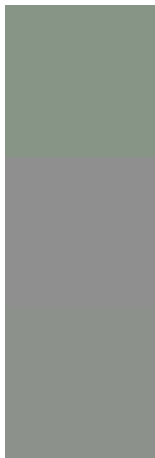
Deuteranomaly

27.1445, 28.0696, 26.9090

Tritanomaly

26.1751, 28.3557, 32.5274

Monochromacy



Original Color

24.8820, 28.2845, 26.7023

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.6742, 27.7197, 28.8082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8820, 28.2845, 26.7023 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(134, 149, 134)` looks like.

```
.text, #text, p{  
    color:rgb(134, 149, 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(134, 149, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 149, 134) }
```

Border

The CSS property to change the border of an element to XYZ 24.8820, 28.2845, 26.7023 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(134, 149, 134) }
```


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

```
.border{ border-color:rgb(134, 149, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 149, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 149, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 149, 134);  
box-shadow:4px 4px 4px 4px rgb(134, 149,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8820, 28.2845, 26.7023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 149, 134) }
```

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

```
.background{ background-color: rgb(134,  
149, 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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