

Converting Colors

XYZ(24.7885, 28.5740, 24.8922)

Have a look what the booklet for
XYZ(24.7885, 28.5740, 24.8922)
contains.

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Color

**XYZ(24.7003, 28.4660,
24.9615)**

Conversions

Conversions Part 1

Format	Color
Hex	869681
RGB	134, 150, 129
RGB Percent	53%, 59%, 51%
CMY	0.4745, 0.4118, 0.4941
CMYK	0.11, 0.00, 0.14, 0.41
HSL	106°, 9%, 55%
HSV	106°, 14%, 59%
XYZ	24.7003, 28.4660, 24.9615
YIQ	142.8220, -2.7950, -9.9230

Conversions

Conversions Part 2

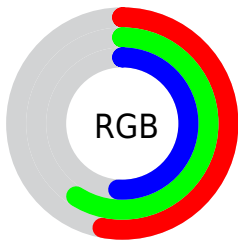
Format	Color
R_{YB}	129, 150, 145
Decimal	8820353
CIE _{Lab}	60.31, -9.84, 9.16
CIE _{LCh}	60, 13.441, 137.045
Yxy	28.4660, 0.3162, 0.3644
Android (android.graphics.Color)	4287010433 (0xFF869681)
YUV	142.8220, -6.8142, -7.7369
Hunter-Lab	53.3535, -10.7312, 9.6086

Details

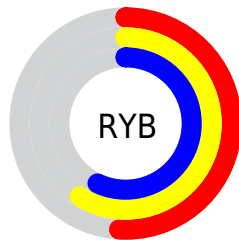
The XYZ color **24.7003, 28.4660, 24.9615** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.0335, 23.9230, 32.1539**, and the grayscale version is **26.0652, 27.4226, 29.8632**.

A 20% lighter version of the original color is **50.5299, 57.1279, 52.6196**, and **9.5660, 11.3877, 9.2833** is the 20% darker color. If you saturate the color by 10%, you get **22.0514, 27.2081, 20.0093**, and if you desaturate by 10%, it is **27.6941, 29.8864, 30.6952**.

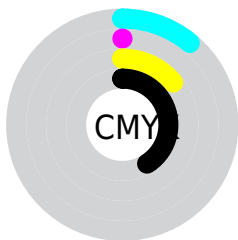
Distribution



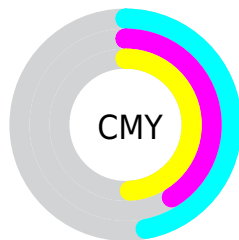
- Red (53%)
- Green (59%)
- Blue (51%)



- Red (51%)
- Yellow (59%)
- Blue (57%)



- Cyan (11%)
- Magenta (0%)
- Yellow (14%)
- Black (41%)



- Cyan (47%)
- Magenta (41%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7003, 28.4660, 24.9615 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 24.7003, 28.4660, 24.9615 by changing the saturation by 10% instead.

■ 24.7003, 28.4660,
24.9615

■ 24.7003, 28.4660,
24.9615

268.7174,
294.6870, 291.0877

■ 15.9814, 18.6772,
15.8296

■ 50.6170, 57.2276,
52.5581

■ 9.6018, 11.4373,
9.2506

■ 68.5456, 76.9692,
71.8599

■ 5.1960, 6.3618,
4.8060

■ 90.2748, 100.7972,
95.3888

■ 2.3986, 3.0663,
2.0771

116.1699,
129.0960, 123.5632

■ 0.8444, 1.1664,
0.6021

146.5964,
162.2500, 156.8018

■ 0.0000, 0.0340,
0.0000

181.9196,

■ 0.0000, 0.0000,

200.6435, 195.5230

0.0000

222.5048,
244.6611, 240.1455

■ 24.7003, 28.4660,
24.9615

■ 24.7003, 28.4660,
24.9615

■ 22.0514, 27.2081,
20.0093

■ 27.6941, 29.8864,
30.6952

■ 19.7325, 26.1034,
15.8029

■ 31.0424, 31.4711,
37.2402

■ 17.7309, 25.1469,
12.3068

■ 34.7572, 33.2265,
44.6270

■ 16.0324, 24.3320,
9.4817

■ 38.8495, 35.1576,
52.8841

■ 14.6215, 23.6518,
7.2846

■ 43.3295, 37.2692,
62.0385

■ 13.4812, 23.0986,
5.6673

■ 48.2073, 39.5658,
72.1163

■ 12.5928, 22.6639,
4.5749

■ 53.4924, 42.0518,
83.1421

■ 11.9343, 22.3378,
3.9410

■ 59.1942, 44.7315,
95.1400

■ 11.6243, 22.1837,
3.6692

■ 63.8374, 47.0154,
100.3180

Harmonies

Analogous

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



26.0954, 28.4660, 22.7705



24.7003, 28.4660, 24.9615



23.9505, 28.4660, 28.9133

Triad

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



24.7003, 28.4660, 24.9615



26.3192, 28.4660, 41.2048



30.3529, 28.4660, 28.2927

Complementary

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



24.7003, 28.4660, 24.9615



25.0335, 23.9230, 32.1539

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.



30.4191, 28.4660, 33.1735



24.7003, 28.4660, 24.9615



28.0400, 28.4660, 40.9931

Square

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



24.7003, 28.4660, 24.9615



24.8581, 28.4660, 38.4801



29.5571, 28.4660, 37.9291



29.3799, 28.4660, 24.5489

Rectangle

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



24.7003, 28.4660, 24.9615



23.8958, 28.4660, 32.1744



29.5571, 28.4660, 37.9291



30.4834, 28.4660, 29.8441

Sweetspot

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



24.7011, 28.4672, 24.9621



48.8281, 52.7196, 54.0835



26.6285, 28.2447, 24.8176



10.7350, 11.6426, 11.8193



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.



24.7011, 28.4672, 24.9621



41.9647, 49.4642, 40.9865



24.2810, 28.2093, 26.8116



5.8512, 6.5311, 6.1927



9.6657, 18.4107, 3.0442



0.1411, 0.2371, 0.0383

Inverse Universe

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



25.0335, 23.9230, 32.1539



42.6738, 39.7585, 56.3463



25.5205, 24.2219, 30.0185



5.9018, 5.8404, 7.2860



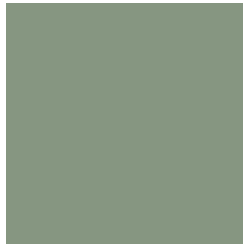
10.3821, 4.8247, 24.3151



0.1532, 0.0725, 0.2988

Previews

White Background



This preview shows how the XYZ color 24.7003, 28.4660, 24.9615 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 24.7003, 28.4660, 24.9615 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

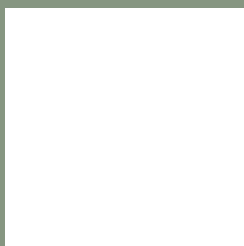
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.7003, 28.4660, 24.9615

Background



This preview shows how black text looks on a background with the XYZ color 24.7003, 28.4660, 24.9615.



This preview shows how white text looks on a background with the XYZ color 24.7003, 28.4660,

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

24.7003, 28.4660, 24.9615

Protanopia

26.8402, 28.4326, 23.8121

Deuteranopia

28.7847, 28.2874, 25.4156



Tritanopia

27.0979, 28.5154, 36.4236

Trichromacy



Original Color

24.7003, 28.4660, 24.9615

Protanomaly

25.9415, 28.4195, 24.1969

Deuteranomaly

27.1394, 28.3305, 25.1570

Tritanomaly

26.0167, 28.2924, 31.6935

Monochromacy



Original Color

24.7003, 28.4660, 24.9615

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.6815, 27.9682, 28.0896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7003, 28.4660, 24.9615 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, 150, 129)` looks like.

```
.text, #text, p{  
    color:rgb(134, 150, 129)  
}
```

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, 150, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 150, 129) }
```

Border

The CSS property to change the border of an element to XYZ 24.7003, 28.4660, 24.9615 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, 150, 129) }
```


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

```
.border{ border-color:rgb(134, 150, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 150, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 150, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 150, 129);  
box-shadow:4px 4px 4px 4px rgb(134, 150,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7003, 28.4660, 24.9615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 150, 129) }
```

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

```
.background{ background-color: rgb(134,  
150, 129) }
```

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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