

Converting Colors

XYZ(24.9146, 29.4649, 27.1489)

Have a look what the booklet for
XYZ(24.9146, 29.4649, 27.1489)
contains.

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Color

**XYZ(24.9820, 29.5276,
27.3044)**

Conversions

Conversions Part 1

Format	Color
Hex	819A87
RGB	129, 154, 135
RGB Percent	51%, 60%, 53%
CMY	0.4941, 0.3961, 0.4706
CMYK	0.16, 0.00, 0.12, 0.40
HSL	134°, 11%, 55%
HSV	134°, 16%, 60%
XYZ	24.9820, 29.5276, 27.3044
YIQ	144.3590, -8.8010, -11.2090

Conversions

Conversions Part 2

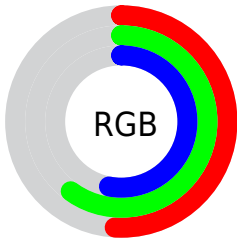
Format	Color
R_{YB}	129, 149, 154
Decimal	8493703
CIE _{Lab}	61.24, -12.67, 7.06
CIE _{LCh}	61, 14.502, 150.872
Yxy	29.5276, 0.3054, 0.3609
Android (android.graphics.Color)	4286683783 (0xFF819A87)
YUV	144.3590, -4.6140, -13.4698
Hunter-Lab	54.3393, -13.0300, 8.2455

Details

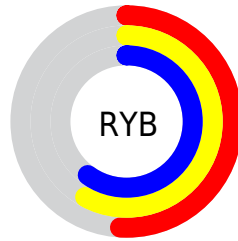
The XYZ color **24.9820, 29.5276, 27.3044** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.5230, 24.7093, 31.3896**, and the grayscale version is **26.6752, 28.0644, 30.5622**.

A 20% lighter version of the original color is **50.9244, 58.6877, 56.2208**, and **9.7144, 12.0186, 10.4022** is the 20% darker color. If you saturate the color by 10%, you get **22.0375, 28.1005, 23.0990**, and if you desaturate by 10%, it is **28.3713, 31.1752, 32.0049**.

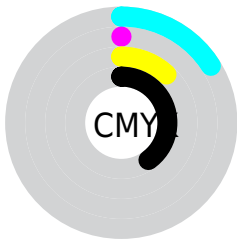
Distribution



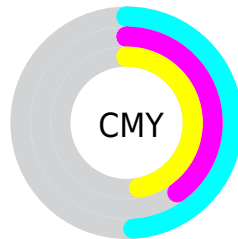
- Red (51%)
- Green (60%)
- Blue (53%)



- Red (51%)
- Yellow (58%)
- Blue (60%)



- Cyan (16%)
- Magenta (0%)
- Yellow (12%)
- Black (40%)



- Cyan (49%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9820, 29.5276, 27.3044 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 24.9820, 29.5276, 27.3044 by changing the saturation by 10% instead.

■ 24.9820, 29.5276,
27.3044

■ 24.9820, 29.5276,
27.3044

270.0976,
299.6962, 302.9346

■ 16.1923, 19.4803,
17.5675

■ 51.0711, 58.9143,
56.3816

■ 9.7520, 12.0178,
10.4737

■ 69.1013, 79.0225,
76.5590

■ 5.2959, 6.7558,
5.6045

■ 90.9423, 103.2531,
101.0537

■ 2.4584, 3.3099,
2.5412

116.9595,
131.9905, 130.2841

■ 0.8743, 1.2956,
0.8619

147.5183,
165.6192, 164.6689

■ 0.0000, 0.1378,
0.0000

182.9840,

■ 0.0000, 0.0000,

204.5234, 204.6265

0.0000

223.7220,
249.0876, 250.5756

■ 24.9820, 29.5276,
27.3044

■ 24.9820, 29.5276,
27.3044

■ 22.0375, 28.1005,
23.0990

■ 28.3713, 31.1752,
32.0049

■ 19.5168, 26.8810,
19.3705

■ 32.2206, 33.0483,
37.2138

■ 17.4007, 25.8602,
16.1027

■ 36.5472, 35.1563,
42.9465

■ 15.6675, 25.0275,
13.2776

■ 41.3668, 37.5071,
49.2170

■ 14.2936, 24.3709,
10.8760

■ 46.6945, 40.1082,
56.0390

■ 13.2524, 23.8773,
8.8773

■ 52.5447, 42.9666,
63.4254

■ 12.5139, 23.5317,
7.2593

■ 58.9310, 46.0892,
71.3890

■ 12.0354, 23.3124,
5.9970

■ 65.8668, 49.4826,
79.9419

■ 11.8895, 23.2457,
5.6072

■ 68.5749, 50.6839,
88.8718

Harmonies

Analogous

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



26.2251, 29.5276, 23.9522



24.9820, 29.5276, 27.3044



24.5557, 29.5276, 32.3106

Triad

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



24.9820, 29.5276, 27.3044



28.1209, 29.5276, 43.8368



31.3319, 29.5276, 27.0569

Complementary

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



24.9820, 29.5276, 27.3044



26.5230, 24.7093, 31.3896

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.



31.8939, 29.5276, 31.9910



24.9820, 29.5276, 27.3044



29.9892, 29.5276, 42.0339

Square

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



24.9820, 29.5276, 27.3044



26.3176, 29.5276, 42.2253



31.3920, 29.5276, 37.5386



29.8883, 29.5276, 23.8211

Rectangle

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



24.9820, 29.5276, 27.3044



24.7761, 29.5276, 36.0394



31.3920, 29.5276, 37.5386



31.6330, 29.5276, 28.5520

Sweetspot

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



24.9828, 29.5288, 27.3051



52.2872, 56.9946, 59.1635



27.7621, 31.0091, 25.2912



11.7366, 12.8526, 13.2569



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.9828, 29.5288, 27.3051



43.6128, 52.7808, 47.1006



25.9024, 29.8967, 32.1477



6.1899, 6.9487, 6.9235



9.6985, 18.9429, 4.6329



0.1575, 0.2882, 0.1352

Inverse Universe

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



26.5230, 24.7093, 31.3896



46.8805, 42.5539, 55.7655



25.5978, 24.3392, 26.5179



6.3978, 6.2983, 7.4750



13.4897, 6.6501, 14.3698



0.2154, 0.1049, 0.2872

Previews

White Background



This preview shows how the XYZ color 24.9820, 29.5276, 27.3044 looks on a white background.

Color Contrast Check

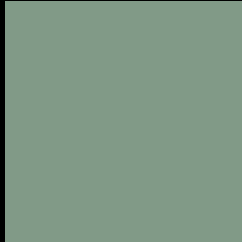
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9820, 29.5276, 27.3044 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 24.9820, 29.5276, 27.3044

Background



This preview shows how black text looks on a background with the XYZ color 24.9820, 29.5276, 27.3044.



This preview shows how white text looks on a background with the XYZ color 24.9820, 29.5276,

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

24.9820, 29.5276, 27.3044

Protanopia

27.8569, 29.3762, 25.6747

Deuteranopia

29.9142, 29.2591, 27.7378



Tritanopia

27.2594, 29.4897, 38.4378

Trichromacy



Original Color

24.9820, 29.5276, 27.3044

Protanomaly

26.7483, 29.4984, 26.1138

Deuteranomaly

27.8597, 29.1076, 27.4425

Tritanomaly

26.2498, 29.3057, 33.9788

Monochromacy



Original Color

24.9820, 29.5276, 27.3044

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.0451, 28.5919, 29.3454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9820, 29.5276, 27.3044 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, 154, 135)` looks like.

```
.text, #text, p{  
    color:rgb(129, 154, 135)  
}
```

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, 154, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 154, 135) }
```

Border

The CSS property to change the border of an element to XYZ 24.9820, 29.5276, 27.3044 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, 154, 135) }
```


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

```
.border{ border-color:rgb(129, 154, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 154, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 154, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 154, 135);  
box-shadow:4px 4px 4px 4px rgb(129, 154,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9820, 29.5276, 27.3044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 154, 135) }
```

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

```
.background{ background-color: rgb(129,  
154, 135) }
```

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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