

Converting Colors

XYZ(27.6289, 30.7082, 24.7224)

Have a look what the booklet for
XYZ(27.6289, 30.7082, 24.7224)
contains.

| | |
|--|----|
| XYZ(27.6819, 30.7305, 24.8947) | 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(27.6819, 30.7305,
24.8947)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 959980 |
| RGB | 149, 153, 128 |
| RGB Percent | 58%, 60%, 50% |
| CMY | 0.4157, 0.4000, 0.4980 |
| CMYK | 0.03, 0.00, 0.16, 0.40 |
| HSL | 70°, 11%, 55% |
| HSV | 70°, 16%, 60% |
| XYZ | 27.6819, 30.7305, 24.8947 |
| YIQ | 148.9540, 5.6410, -8.6230 |

Conversions

Conversions Part 2

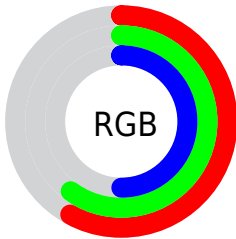
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 128, 153, 132 |
| Decimal | 9804160 |
| CIELab | 62.28, -5.98, 12.67 |
| CIElCh | 62, 14.011, 115.282 |
| Yxy | 30.7305, 0.3323, 0.3689 |
| Android (android.graphics.Color) | 4287994240 (0xFF959980) |
| YUV | 148.9540, -10.3303, 0.0403 |
| Hunter-Lab | 55.4351, -7.8762, 12.1787 |

Details

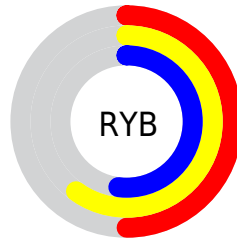
The XYZ color **27.6819, 30.7305, 24.8947** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.9859, 22.6447, 33.2980**, and the grayscale version is **28.5888, 30.0776, 32.7545**.

A 20% lighter version of the original color is **55.2819, 60.6584, 52.5106**, and **11.1997, 12.6639, 9.2512** is the 20% darker color. If you saturate the color by 10%, you get **26.3078, 30.1308, 19.9639**, and if you desaturate by 10%, it is **29.2189, 31.3985, 30.6271**.

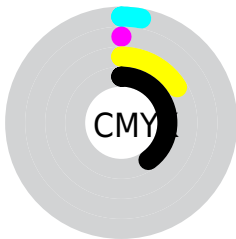
Distribution



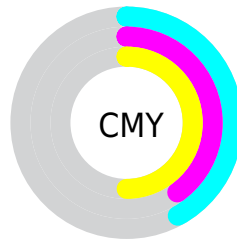
- Red (58%)
- Green (60%)
- Blue (50%)



- Red (50%)
- Yellow (60%)
- Blue (52%)



- Cyan (3%)
- Magenta (0%)
- Yellow (16%)
- Black (40%)



- Cyan (42%)
- Magenta (40%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6819, 30.7305, 24.8947 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 27.6819, 30.7305, 24.8947 by changing the saturation by 10% instead.

■ 27.6819, 30.7305,
24.8947

■ 27.6819, 30.7305,
24.8947

283.0515,
305.2948, 290.7440

■ 18.2252, 20.3937,
15.7803

■ 55.3884, 60.8155,
52.4483

■ 11.2125, 12.6816,
9.2162

■ 74.3689, 81.3325,
71.7247

■ 6.2783, 7.2096,
4.7837

■ 97.2548, 106.0118,
95.2254

■ 3.0573, 3.5936,
2.0644

124.4113,
135.2376, 123.3691

■ 1.1841, 1.4489,
0.5945

156.2039,
169.3944, 156.5743

■ 0.0938, 0.2524,
0.0000

192.9979,

■ 0.0000, 0.0000,

208.8666, 195.2594

0.0000

235.1586,
254.0386, 239.8432

■ 27.6819, 30.7305,
24.8947

■ 27.6819, 30.7305,
24.8947

■ 26.3078, 30.1308,
19.9639

■ 29.2189, 31.3985,
30.6271

■ 25.0874, 29.5926,
15.7971

■ 30.9228, 32.1334,
37.1927

■ 24.0141, 29.1144,
12.3566

■ 32.8005, 32.9388,
44.6236

■ 23.0800, 28.6928,
9.6006

■ 34.8577, 33.8171,
52.9498

■ 22.2762, 28.3245,
7.4831

■ 37.0998, 34.7706,
62.1998

■ 21.5929, 28.0054,
5.9526

■ 39.5321, 35.8012,
72.4007

■ 21.0187, 27.7310,
4.9494

■ 42.1596, 36.9111,
83.5786

■ 20.5368, 27.4946,
4.3853

■ 44.9871, 38.1020,
95.7587

■ 20.3700, 27.4121,
4.2175

■ 46.2472, 38.6672,
99.6338

Harmonies

Analogous

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



29.5087, 30.7305, 24.1125



27.6819, 30.7305, 24.8947



26.3186, 30.7305, 27.8694

Triad

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



27.6819, 30.7305, 24.8947



27.1848, 30.7305, 42.7772



32.9867, 30.7305, 34.3247

Complementary

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



27.6819, 30.7305, 24.8947



22.9859, 22.6447, 33.2980

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.



32.3024, 30.7305, 39.7530



27.6819, 30.7305, 24.8947



28.9102, 30.7305, 44.9569

Square

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



27.6819, 30.7305, 24.8947



26.0404, 30.7305, 38.1108



30.7900, 30.7305, 43.7948



32.6235, 30.7305, 29.2044

Rectangle

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



27.6819, 30.7305, 24.8947



25.8287, 30.7305, 30.8820



30.7900, 30.7305, 43.7948



32.8708, 30.7305, 36.1782

Sweetspot

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



27.6827, 30.7318, 24.8954



52.6874, 56.3849, 56.2250



25.2516, 24.7665, 23.8721



11.5924, 12.4324, 12.2571



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



27.6827, 30.7318, 24.8954



48.5416, 54.5840, 40.8329



25.5642, 29.6397, 24.7962



6.6118, 7.1728, 6.6419



16.8578, 22.6664, 3.4866



0.2749, 0.3507, 0.0532

Inverse Universe

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



22.9859, 22.6447, 33.2980



38.3351, 37.0084, 59.0948



25.0153, 23.6908, 33.3930



5.9721, 6.0715, 7.7861



5.0931, 2.0766, 25.0401



0.0966, 0.0416, 0.3753

Previews

White Background



This preview shows how the XYZ color 27.6819, 30.7305, 24.8947 looks on a white background.

Color Contrast Check

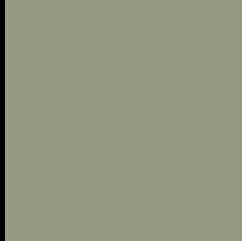
Large Text (above 18pt) WCAG AA × Fail

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 27.6819, 30.7305, 24.8947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

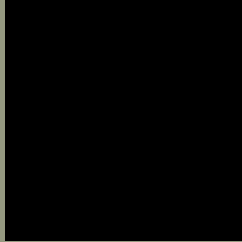
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

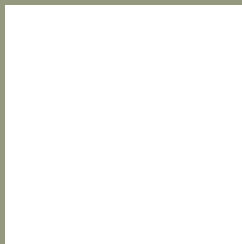
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.6819, 30.7305, 24.8947

Background



This preview shows how black text looks on a background with the XYZ color 27.6819, 30.7305, 24.8947.



This preview shows how white text looks on a background with the XYZ color 27.6819, 30.7305,

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

27.6819, 30.7305, 24.8947

Protanopia

29.0352, 30.7159, 24.4771

Deuteranopia

31.1679, 30.6332, 25.3892



Tritanopia

30.2615, 30.5879, 37.5668

Trichromacy



Original Color

27.6819, 30.7305, 24.8947

Protanomaly

28.4149, 30.6341, 24.4940

Deuteranomaly

29.8622, 30.6573, 25.1124

Tritanomaly

29.2005, 30.6262, 32.3894

Monochromacy



Original Color

27.6819, 30.7305, 24.8947

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.1085, 30.1253, 29.5326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6819, 30.7305, 24.8947 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(149, 153, 128)` looks like.

```
.text, #text, p{  
    color:rgb(149, 153, 128)  
}
```

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(149, 153, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 153, 128) }
```

Border

The CSS property to change the border of an element to XYZ 27.6819, 30.7305, 24.8947 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(149, 153, 128) }
```


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

```
.border{ border-color:rgb(149, 153, 128) }
```

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

Here you see how a box with a 4 pixel rgb(149, 153, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 153, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 153, 128);  
box-shadow:4px 4px 4px 4px rgb(149, 153,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6819, 30.7305, 24.8947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 153, 128) }
```

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

```
.background{ background-color: rgb(149,  
153, 128) }
```

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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