

Converting Colors

XYZ(27.7134, 30.8906, 30.8612)

Have a look what the booklet for
XYZ(27.7134, 30.8906, 30.8612)
contains.

XYZ(27.7450, 30.8756, 30.8828)	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(27.7450, 30.8756,
30.8828)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9A90
RGB	142, 154, 144
RGB Percent	56%, 60%, 56%
CMY	0.4431, 0.3961, 0.4353
CMYK	0.08, 0.00, 0.06, 0.40
HSL	130°, 6%, 58%
HSV	130°, 8%, 60%
XYZ	27.7450, 30.8756, 30.8828
YIQ	149.2720, -3.9420, -5.6540

Conversions

Conversions Part 2

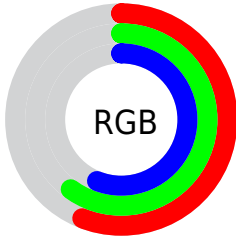
Format	Color
RYB	142, 152, 154
Decimal	9345680
CIELab	62.40, -6.26, 3.77
CIELCh	62, 7.310, 148.947
Yxy	30.8756, 0.3100, 0.3450
Android (android.graphics.Color)	4287535760 (0xFF8E9A90)
YUV	149.2720, -2.5991, -6.3775
Hunter-Lab	55.5658, -8.1120, 5.9434

Details

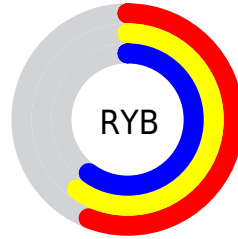
The XYZ color **27.7450, 30.8756, 30.8828** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.6681, 28.4839, 33.6943**, and the grayscale version is **28.6941, 30.1884, 32.8752**.

A 20% lighter version of the original color is **55.5139, 60.9247, 62.2598**, and **11.2843, 12.7840, 12.4625** is the 20% darker color. If you saturate the color by 10%, you get **24.3573, 29.2370, 25.8916**, and if you desaturate by 10%, it is **31.6111, 32.7496, 36.4799**.

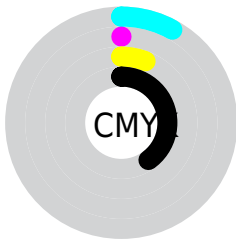
Distribution



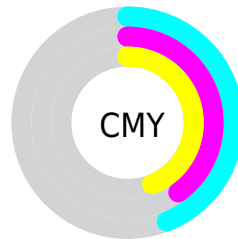
- Red (56%)
- Green (60%)
- Blue (56%)



- Red (56%)
- Yellow (60%)
- Blue (60%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (40%)



- Cyan (44%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7450, 30.8756, 30.8828 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 27.7450, 30.8756, 30.8828 by changing the saturation by 10% instead.

■ 27.7450, 30.8756,
30.8828

■ 27.7450, 30.8756,
30.8828

283.3486,
305.9648, 320.3325

■ 18.2730, 20.5041,
20.2519

■ 55.4886, 61.0442,
62.1329

■ 11.2470, 12.7620,
12.3924

■ 74.4908, 81.6101,
83.5892

■ 6.3018, 7.2649,
6.8857

■ 97.4006, 106.3429,
109.4911

■ 3.0718, 3.6283,
3.3134

124.5831,
135.6270, 140.2570

■ 1.1919, 1.4679,
1.2568

156.4038,
169.8469, 176.3056

■ 0.0999, 0.2660,
0.0260

193.2281,

■ 0.0000, 0.0000,

209.3869, 218.0553

0.0000

235.4213,
254.6314, 265.9248

■ 27.7450, 30.8756,
30.8828

■ 27.7450, 30.8756,
30.8828

■ 24.3573, 29.2370,
25.8916

■ 31.6111, 32.7496,
36.4799

■ 21.4268, 27.8208,
21.4839

■ 35.9705, 34.8638,
42.7002

■ 18.9345, 26.6185,
17.6392

■ 40.8408, 37.2277,
49.5627

■ 16.8592, 25.6197,
14.3345

■ 46.2379, 39.8491,
57.0853

■ 15.1778, 24.8128,
11.5458

■ 52.1770, 42.7355,
65.2848

■ 13.8649, 24.1855,
9.2469

■ 58.6726, 45.8940,
74.1776

■ 12.8921, 23.7237,
7.4095

■ 65.7387, 49.3315,
83.7797

■ 12.2268, 23.4112,
6.0022

■ 69.5347, 51.0678,
93.9258

■ 11.8143, 23.2205,
4.9891

■ 70.8462, 51.5924,
100.8321

Harmonies

Analogous

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



28.4343, 30.8756, 29.0682



27.7450, 30.8756, 30.8828



27.4833, 30.8756, 33.5181

Triad

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



27.7450, 30.8756, 30.8828



29.3113, 30.8756, 39.3712



31.0445, 30.8756, 31.0472

Complementary

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



27.7450, 30.8756, 30.8828



28.6681, 28.4839, 33.6943

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.



31.2918, 30.8756, 33.7186



27.7450, 30.8756, 30.8828



30.2777, 30.8756, 38.6201

Square

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



27.7450, 30.8756, 30.8828



28.3750, 30.8756, 38.5102



31.0081, 30.8756, 36.5107



30.3396, 30.8756, 29.1592

Rectangle

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



27.7450, 30.8756, 30.8828



27.5818, 30.8756, 35.4203



31.0081, 30.8756, 36.5107



31.1845, 30.8756, 31.8784

Sweetspot

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



27.7459, 30.8769, 30.8835



54.3318, 57.9921, 61.8119



29.4257, 31.7604, 30.1712



12.3173, 13.1357, 14.0191



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.



27.7459, 30.8769, 30.8835



49.4954, 55.6496, 54.7771



28.2009, 31.0589, 33.2796



6.1721, 6.9416, 6.8296



9.5730, 18.8927, 3.9722



0.1524, 0.2862, 0.1082

Inverse Universe

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



28.6681, 28.4839, 33.6943



51.4506, 50.5759, 60.7363



28.2043, 28.2984, 31.2522



6.4170, 6.3060, 7.5761



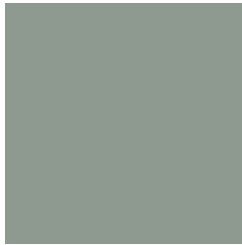
14.0613, 6.8788, 17.3797



0.2206, 0.1070, 0.3144

Previews

White Background



This preview shows how the XYZ color 27.7450, 30.8756, 30.8828 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 27.7450, 30.8756, 30.8828 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

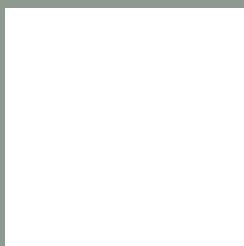
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.7450, 30.8756, 30.8828

Background



This preview shows how black text looks on a background with the XYZ color 27.7450, 30.8756, 30.8828.



This preview shows how white text looks on a background with the XYZ color 27.7450, 30.8756,

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

27.7450, 30.8756, 30.8828

Protanopia

29.3064, 30.7342, 29.9789

Deuteranopia

31.4035, 30.8486, 31.4934



Tritanopia

29.3545, 30.7973, 39.0477

Trichromacy



Original Color

27.7450, 30.8756, 30.8828

Protanomaly

28.6022, 30.6004, 30.3856

Deuteranomaly

29.9588, 30.8083, 31.1557

Tritanomaly

28.7306, 30.7861, 35.8805

Monochromacy



Original Color

27.7450, 30.8756, 30.8828

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.1871, 30.3508, 31.9764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7450, 30.8756, 30.8828 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(142, 154, 144) looks like.

```
.text, #text, p{  
    color:rgb(142, 154, 144)  
}
```

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(142, 154, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 154, 144) }
```

Border

The CSS property to change the border of an element to XYZ 27.7450, 30.8756, 30.8828 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(142, 154, 144) }
```


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

```
.border{ border-color:rgb(142, 154, 144) }
```

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

Here you see how a box with a 4 pixel rgb(142, 154, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 154, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 154, 144);  
box-shadow:4px 4px 4px 4px rgb(142, 154,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7450, 30.8756, 30.8828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 154, 144) }
```

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

```
.background{ background-color: rgb(142,  
154, 144) }
```

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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