

Converting Colors

XYZ(27.7771, 27.3055, 27.6796)

Have a look what the booklet for
XYZ(27.7771, 27.3055, 27.6796)
contains.

XYZ(27.7765, 27.2810, 27.8465)	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(27.7765, 27.2810,
27.8465)**

Conversions

Conversions Part 1

Format	Color
Hex	9E8A8A
RGB	158, 138, 138
RGB Percent	62%, 54%, 54%
CMY	0.3804, 0.4588, 0.4588
CMYK	0.00, 0.13, 0.13, 0.38
HSL	0°, 9%, 58%
HSV	0°, 13%, 62%
XYZ	27.7765, 27.2810, 27.8465
YIQ	143.9800, 11.9200, 4.2400

Conversions

Conversions Part 2

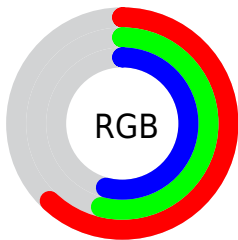
Format	Color
R_{YB}	158, 138, 138
Decimal	10390154
CIE Lab	59.23, 7.52, 2.76
CIE LCh	59, 8.014, 20.166
Yxy	27.2810, 0.3350, 0.3291
Android (android.graphics.Color)	4288580234 (0xFF9E8A8A)
YUV	143.9800, -2.9481, 12.2955
Hunter-Lab	52.2312, 3.5215, 4.9520

Details

The XYZ color **27.7765, 27.2810, 27.8465** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.8796, 32.3251, 37.0654**, and the grayscale version is **26.5099, 27.8905, 30.3728**.

A 20% lighter version of the original color is **55.4753, 55.1693, 57.0151**, and **11.1950, 10.7482, 10.7171** is the 20% darker color. If you saturate the color by 10%, you get **24.6109, 22.6490, 21.5522**, and if you desaturate by 10%, it is **31.4398, 32.6414, 35.1284**.

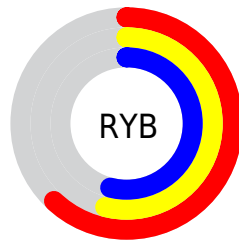
Distribution



Red (62%)

Green (54%)

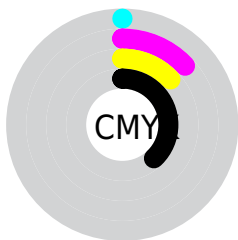
Blue (54%)



Red (62%)

Yellow (54%)

Blue (54%)

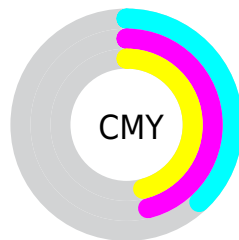


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (38%)



Cyan (38%)

Magenta (46%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7765, 27.2810, 27.8465 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 27.7765, 27.2810, 27.8465 by changing the saturation by 10% instead.

■ 27.7765, 27.2810,
27.8465

■ 27.7765, 27.2810,
27.8465

283.4969,
289.0151, 305.6215

■ 18.2968, 17.7844,
17.9719

■ 55.5386, 55.3345,
57.2594

■ 11.2643, 10.7953,
10.7606

■ 74.5517, 74.6601,
77.6349

■ 6.3135, 5.9294,
5.7940

■ 97.4733, 98.0308,
102.3477

■ 3.0791, 2.8022,
2.6534

124.6688,
125.8311, 131.8165

■ 1.1957, 1.0293,
0.9199

156.5036,
158.4452, 166.4597

■ 0.1030, 0.0000,
0.0000

193.3430,

■ 0.0000, 0.0000,

196.2577, 206.6959

0.0000

235.5523,
239.6529, 252.9437

■ 27.7765, 27.2810,
27.8465

■ 27.7765, 27.2810,
27.8465

■ 24.6109, 22.6490,
21.5522

■ 31.4398, 32.6414,
35.1284

■ 21.9193, 18.7105,
16.2014

■ 35.6185, 38.7559,
43.4360

■ 19.6797, 15.4333,
11.7491

■ 40.3324, 45.6534,
52.8076

■ 17.8673, 12.7812,
8.1462

■ 45.5993, 53.3602,
63.2788

■ 16.4549, 10.7143,
5.3385

■ 51.4364, 61.9013,
74.8838

■ 15.4122, 9.1886,
3.2661

■ 57.8602, 71.3007,
87.6551

■ 14.7048, 8.1534,
1.8601

■ 64.8864, 81.5816,
101.6240

■ 14.2916, 7.5486,
1.0389

■ 67.9107, 86.0092,
107.6299

■ 14.1010, 7.2697,
0.6600

Harmonies

Analogous

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



27.8704, 27.2810, 30.6546



27.7765, 27.2810, 27.8465



27.1808, 27.2810, 25.6740

Triad

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



27.7765, 27.2810, 27.8465



24.4814, 27.2810, 26.3154



25.6028, 27.2810, 35.4660

Complementary

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



27.7765, 27.2810, 27.8465



28.8796, 32.3251, 37.0654

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.



24.7177, 27.2810, 34.1359



27.7765, 27.2810, 27.8465



24.0814, 27.2810, 28.7739

Square

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



27.7765, 27.2810, 27.8465



25.2727, 27.2810, 24.8302



24.1668, 27.2810, 31.6431



26.5982, 27.2810, 35.1780

Rectangle

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



27.7765, 27.2810, 27.8465



26.5875, 27.2810, 24.8205



24.1668, 27.2810, 31.6431



25.2830, 27.2810, 35.1902

Sweetspot

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



27.7773, 27.2822, 27.8471



56.0931, 57.8117, 61.8028



29.3610, 27.9151, 36.1888



12.5331, 12.8682, 13.7086



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



27.7773, 27.2822, 27.8471



48.8418, 47.2012, 47.3868



29.2783, 30.2843, 28.3474



6.6331, 6.6463, 6.9189



11.2933, 5.8222, 0.5286



0.2019, 0.1041, 0.0095

Inverse Universe

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



28.8796, 32.3251, 37.0654



51.2173, 58.0686, 67.2524



27.2431, 29.0521, 36.5199



6.8218, 7.5093, 8.4966



14.7323, 21.5562, 29.2915



0.2634, 0.3855, 0.5237

Previews

White Background



This preview shows how the XYZ color 27.7765, 27.2810, 27.8465 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 27.7765, 27.2810, 27.8465 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 27.7765, 27.2810, 27.8465

Background



This preview shows how black text looks on a background with the XYZ color 27.7765, 27.2810, 27.8465.



This preview shows how white text looks on a background with the XYZ color 27.7765, 27.2810,

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

27.7765, 27.2810, 27.8465

Protanopia

26.2607, 27.3504, 28.7060

Deuteranopia

27.7765, 27.2810, 27.8465



Tritanopia

28.5102, 27.3688, 31.3838

Trichromacy



Original Color

27.7765, 27.2810, 27.8465

Protanomaly

26.7628, 27.3979, 28.3039

Deuteranomaly

27.7765, 27.2810, 27.8465

Tritanomaly

28.2778, 27.2759, 30.1599

Monochromacy



Original Color

27.7765, 27.2810, 27.8465

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.9499, 27.6886, 29.5152

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7765, 27.2810, 27.8465 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(158, 138, 138)` looks like.

```
.text, #text, p{  
    color:rgb(158, 138, 138)  
}
```

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(158, 138, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 138, 138) }
```

Border

The CSS property to change the border of an element to XYZ 27.7765, 27.2810, 27.8465 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(158, 138, 138) }
```


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

```
.border{ border-color:rgb(158, 138, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 138, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 138, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 138, 138);  
box-shadow:4px 4px 4px 4px rgb(158, 138,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7765, 27.2810, 27.8465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 138, 138) }
```

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

```
.background{ background-color: rgb(158,  
138, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor