

Converting Colors

XYZ(27.5837, 28.1233, 30.2481)

Have a look what the booklet for
XYZ(27.5837, 28.1233, 30.2481)
contains.

XYZ(27.6190, 28.2378, 30.3803)	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(27.6190, 28.2378,
30.3803)**

Conversions

Conversions Part 1

Format	Color
Hex	978F90
RGB	151, 143, 144
RGB Percent	59%, 56%, 56%
CMY	0.4078, 0.4392, 0.4353
CMYK	0.00, 0.05, 0.05, 0.41
HSL	353°, 4%, 58%
HSV	353°, 5%, 59%
XYZ	27.6190, 28.2378, 30.3803
YIQ	145.5060, 4.4470, 2.0070

Conversions

Conversions Part 2

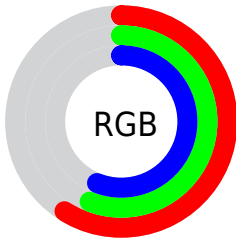
Format	Color
R_{YB}	151, 143, 144
Decimal	9932688
CIE _{Lab}	60.10, 3.15, 0.52
CIE _{LCh}	60, 3.190, 9.428
Yxy	28.2378, 0.3203, 0.3274
Android (android.graphics.Color)	4288122768 (0xFF978F90)
YUV	145.5060, -0.7425, 4.8182
Hunter-Lab	53.1393, -0.2187, 3.3007

Details

The XYZ color **27.6190, 28.2378, 30.3803** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.9004, 30.1756, 33.2096**, and the grayscale version is **27.1219, 28.5344, 31.0739**.

A 20% lighter version of the original color is **55.3361, 56.9889, 61.5095**, and **11.1903, 11.3462, 12.1899** is the 20% darker color. If you saturate the color by 10%, you get **24.5514, 23.6254, 24.6623**, and if you desaturate by 10%, it is **31.1116, 33.5103, 36.8242**.

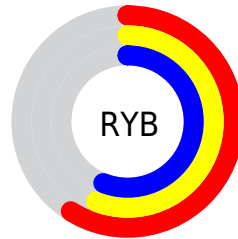
Distribution



Red (59%)

Green (56%)

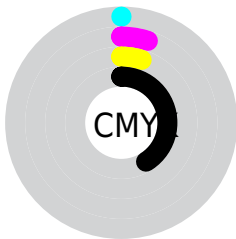
Blue (56%)



Red (59%)

Yellow (56%)

Blue (56%)

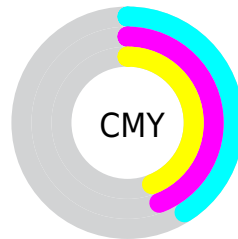


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (41%)



Cyan (41%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6190, 28.2378, 30.3803 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 27.6190, 28.2378, 30.3803 by changing the saturation by 10% instead.

■ 27.6190, 28.2378,
30.3803

■ 27.6190, 28.2378,
30.3803

282.7551,
293.6015, 317.9354

■ 18.1776, 18.5050,
19.8729

■ 55.2885, 56.8639,
61.3312

■ 11.1781, 11.3132,
12.1195

■ 74.2473, 76.5259,
82.6118

■ 6.2549, 6.2779,
6.7016

■ 97.1094, 100.2665,
108.3205

■ 3.0428, 3.0148,
3.2006

124.2400,
128.4701, 138.8759

■ 1.1764, 1.1395,
1.1980

156.0045,
161.5209, 174.6966

■ 0.0877, 0.0114,
0.0000

192.7683,

■ 0.0000, 0.0000,

199.8035, 216.2011

0.0000

234.8967,
243.7022, 263.8078

■ 27.6190, 28.2378,
30.3803

■ 27.6190, 28.2378,
30.3803

■ 24.5514, 23.6254,
24.6623

■ 31.1116, 33.5103,
36.8242

■ 21.8903, 19.6436,
19.6429

■ 35.0422, 39.4635,
44.0164

■ 19.6192, 16.2659,
15.2959

■ 39.4261, 46.1219,
51.9804

■ 17.7198, 13.4630,
11.5925

■ 44.2771, 53.5075,
60.7384

■ 16.1721, 11.2027,
8.5021

■ 49.6084, 61.6414,
70.3115

■ 14.9542, 9.4497,
5.9915

■ 55.4329, 70.5439,
80.7201

■ 14.0420, 8.1648,
4.0240

■ 61.7628, 80.2344,
91.9838

■ 13.4077, 7.3027,
2.5593

■ 65.7365, 84.9849,
103.1638

■ 13.0158, 6.8040,
1.5498

■ 66.5727, 85.3194,
107.5673

Harmonies

Analogous

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



27.5789, 28.2378, 31.5408



27.6190, 28.2378, 30.3803



27.4485, 28.2378, 29.3439

Triad

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



27.6190, 28.2378, 30.3803



26.3450, 28.2378, 29.0465



26.5650, 28.2378, 32.8937

Complementary

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



27.6190, 28.2378, 30.3803



27.9004, 30.1756, 33.2096

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.



26.2389, 28.2378, 32.1924



27.6190, 28.2378, 30.3803



26.1128, 28.2378, 29.9650

Square

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



27.6190, 28.2378, 30.3803



26.7111, 28.2378, 28.5867



26.0742, 28.2378, 31.1150



26.9676, 28.2378, 33.0117

Rectangle

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



27.6190, 28.2378, 30.3803



27.2394, 28.2378, 28.8556



26.0742, 28.2378, 31.1150



26.4429, 28.2378, 32.7175

Sweetspot

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



27.6198, 28.2390, 30.3809



51.4147, 53.5144, 58.0206



27.9747, 28.3582, 33.2779



11.7032, 12.1893, 13.2193



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.



27.6198, 28.2390, 30.3809



48.9820, 49.8474, 53.5157



27.9899, 29.1007, 30.1298



6.4464, 6.5474, 7.0230



10.9625, 5.6392, 1.0614



0.1710, 0.0872, 0.0535

Inverse Universe

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



27.6198, 28.2390, 30.3809



48.9820, 49.8474, 53.5157



27.5150, 29.2757, 33.4792



6.4464, 6.5474, 7.0230



10.9625, 5.6392, 1.0614



0.1710, 0.0872, 0.0535

Previews

White Background



This preview shows how the XYZ color 27.6190, 28.2378, 30.3803 looks on a white background.

Color Contrast Check

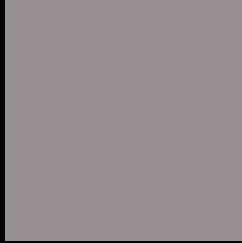
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6190, 28.2378, 30.3803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

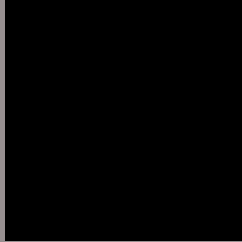
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.6190, 28.2378, 30.3803

Background



This preview shows how black text looks on a background with the XYZ color 27.6190, 28.2378, 30.3803.



This preview shows how white text looks on a background with the XYZ color 27.6190, 28.2378,

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

27.6190, 28.2378, 30.3803

Protanopia

27.1167, 28.1939, 30.8008

Deuteranopia

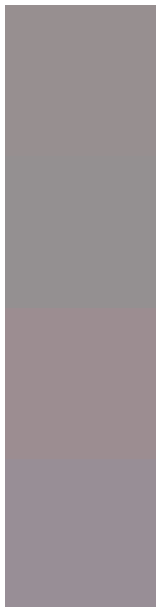
28.7870, 28.1714, 30.7085



Tritanopia

28.3717, 28.3213, 34.1082

Trichromacy



Original Color

27.6190, 28.2378, 30.3803

Protanomaly

27.2968, 28.2868, 30.8093

Deuteranomaly

28.3460, 28.1620, 30.7299

Tritanomaly

28.1269, 28.2234, 32.8194

Monochromacy



Original Color

27.6190, 28.2378, 30.3803

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.4490, 28.5910, 30.8600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6190, 28.2378, 30.3803 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(151, 143, 144)` looks like.

```
.text, #text, p{  
    color:rgb(151, 143, 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(151, 143, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 143, 144) }
```

Border

The CSS property to change the border of an element to XYZ 27.6190, 28.2378, 30.3803 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(151, 143, 144) }
```


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

```
.border{ border-color:rgb(151, 143, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 143, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 143, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 143, 144);  
box-shadow:4px 4px 4px 4px rgb(151, 143,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6190, 28.2378, 30.3803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 143, 144) }
```

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

```
.background{ background-color: rgb(151,  
143, 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](#).

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