

Converting Colors

XYZ(27.3880, 28.3066, 30.7083)

Have a look what the booklet for
XYZ(27.3880, 28.3066, 30.7083)
contains.

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Color

**XYZ(27.4785, 28.3804,
30.8178)**

Conversions

Conversions Part 1

Format	Color
Hex	959091
RGB	149, 144, 145
RGB Percent	58%, 56%, 57%
CMY	0.4157, 0.4353, 0.4314
CMYK	0.00, 0.03, 0.03, 0.42
HSL	348°, 2%, 57%
HSV	348°, 3%, 58%
XYZ	27.4785, 28.3804, 30.8178
YIQ	145.6090, 2.6590, 1.3710

Conversions

Conversions Part 2

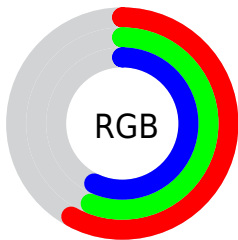
Format	Color
R_{YB}	149, 144, 145
Decimal	9801873
CIE _{Lab}	60.23, 2.03, 0.12
CIE _{LCh}	60, 2.036, 3.341
Yxy	28.3804, 0.3170, 0.3274
Android (android.graphics.Color)	4287991953 (0xFF959091)
YUV	145.6090, -0.3002, 2.9739
Hunter-Lab	53.2733, -1.1574, 2.9929

Details

The XYZ color **27.4785, 28.3804, 30.8178** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.5954, 29.5630, 32.2701**, and the grayscale version is **27.1627, 28.5773, 31.1207**.

A 20% lighter version of the original color is **55.1315, 57.2082, 62.1694**, and **11.1053, 11.4283, 12.4470** is the 20% darker color. If you saturate the color by 10%, you get **24.4973, 23.8130, 25.5228**, and if you desaturate by 10%, it is **30.8557, 33.5846, 36.7218**.

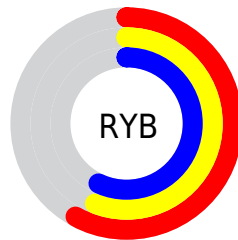
Distribution



Red (58%)

Green (56%)

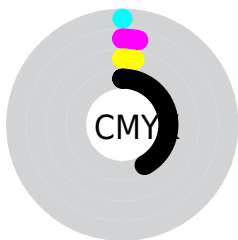
Blue (57%)



Red (58%)

Yellow (56%)

Blue (57%)

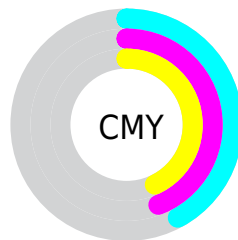


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (42%)



Cyan (42%)

Magenta (44%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4785, 28.3804, 30.8178 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 27.4785, 28.3804, 30.8178 by changing the saturation by 10% instead.

■ 27.4785, 28.3804,
30.8178

■ 27.4785, 28.3804,
30.8178

282.0920,
294.2802, 320.0232

■ 18.0714, 18.6126,
20.2028

■ 55.0652, 57.0912,
62.0293

■ 11.1012, 11.3907,
12.3570

■ 73.9756, 76.8030,
83.4630

■ 6.2028, 6.3303,
6.8618

96.7843, 100.5982,
109.3399

■ 3.0106, 3.0469,
3.2987

123.8568,
128.8613, 140.0787

■ 1.1594, 1.1563,
1.2491

155.5585,
161.9767, 176.0979

■ 0.0739, 0.0256,
0.0195

192.2547,

■ 0.0000, 0.0000,

200.3287, 217.8160

0.0000

234.3108,
244.3017, 265.6516

■ 27.4785, 28.3804,
30.8178

■ 27.4785, 28.3804,
30.8178

■ 24.4973, 23.8130,
25.5228

■ 30.8557, 33.5846,
36.7218

■ 21.8952, 19.8544,
20.8155

■ 34.6404, 39.4450,
43.2516

■ 19.6576, 16.4799,
16.6761

■ 38.8463, 45.9847,
50.4256

■ 17.7679, 13.6617,
13.0827

■ 43.4861, 53.2244,
58.2607

■ 16.2083, 11.3699,
10.0124

■ 48.5717, 61.1842,
66.7736

■ 14.9594, 9.5714,
7.4402

■ 54.1147, 69.8832,
75.9799

■ 13.9998, 8.2298,
5.3394

■ 60.1262, 79.3399,
85.8951

■ 13.3050, 7.3033,
3.6804

■ 63.9434, 84.2252,
95.6428

■ 12.8466, 6.7424,
2.4302

■ 65.7782, 84.9591,
105.3046

Harmonies

Analogous

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



27.4254, 28.3804, 31.5504



27.4785, 28.3804, 30.8178



27.3959, 28.3804, 30.1187

Triad

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



27.4785, 28.3804, 30.8178



26.7000, 28.3804, 29.7170



26.7503, 28.3804, 32.2029

Complementary

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



27.4785, 28.3804, 30.8178



27.5954, 29.5630, 32.2701

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.



26.5579, 28.3804, 31.6976



27.4785, 28.3804, 30.8178



26.5290, 28.3804, 30.2614

Square

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



27.4785, 28.3804, 30.8178



26.9455, 28.3804, 29.4896



26.4771, 28.3804, 30.9852



27.0040, 28.3804, 32.3576

Rectangle

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



27.4785, 28.3804, 30.8178



27.2753, 28.3804, 29.7635



26.4771, 28.3804, 30.9852



26.6764, 28.3804, 32.0680

Sweetspot

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



27.4793, 28.3816, 30.8184



50.5582, 52.8984, 57.5596



27.6117, 28.4136, 32.4632



11.2127, 11.7359, 12.7707



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



27.4793, 28.3816, 30.8184



48.7994, 50.1943, 54.4651



27.6313, 28.8082, 30.4912



6.1632, 6.3206, 6.8548



10.6352, 5.4591, 1.5599



0.1388, 0.0703, 0.0647

Inverse Universe

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



27.4793, 28.3816, 30.8184



48.7994, 50.1943, 54.4651



27.4390, 29.1234, 32.6093



6.1632, 6.3206, 6.8548



10.6352, 5.4591, 1.5599



0.1388, 0.0703, 0.0647

Previews

White Background



This preview shows how the XYZ color 27.4785, 28.3804, 30.8178 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 27.4785, 28.3804, 30.8178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

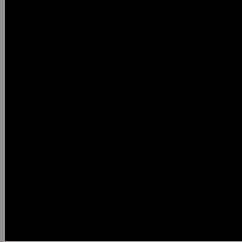
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.4785, 28.3804, 30.8178

Background



This preview shows how black text looks on a background with the XYZ color 27.4785, 28.3804, 30.8178.



This preview shows how white text looks on a background with the XYZ color 27.4785, 28.3804,

30.8178.

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

27.4785, 28.3804, 30.8178

Protanopia

27.2968, 28.2868, 30.8093

Deuteranopia

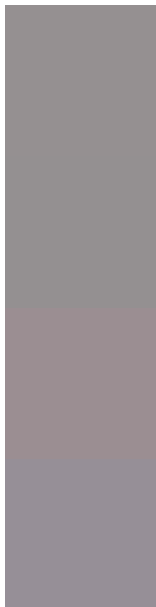
29.0113, 28.4960, 31.1653



Tritanopia

28.2329, 28.4620, 34.5775

Trichromacy



Original Color

27.4785, 28.3804, 30.8178

Protanomaly

27.2968, 28.2868, 30.8093

Deuteranomaly

28.3789, 28.3899, 31.1782

Tritanomaly

27.9861, 28.3633, 33.2778

Monochromacy



Original Color

27.4785, 28.3804, 30.8178

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.3463, 28.5292, 31.2595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4785, 28.3804, 30.8178 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, 144, 145)` looks like.

```
.text, #text, p{  
    color:rgb(149, 144, 145)  
}
```

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, 144, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 144, 145) }
```

Border

The CSS property to change the border of an element to XYZ 27.4785, 28.3804, 30.8178 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, 144, 145) }
```


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

```
.border{ border-color:rgb(149, 144, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 144, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 144, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 144, 145);  
box-shadow:4px 4px 4px 4px rgb(149, 144,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4785, 28.3804, 30.8178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 144, 145) }
```

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

```
.background{ background-color: rgb(149,  
144, 145) }
```

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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