

Converting Colors

XYZ(27.8033, 29.4921, 40.4002)

Have a look what the booklet for
XYZ(27.8033, 29.4921, 40.4002)
contains.

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Color

**XYZ(27.7837, 29.4823,
40.3027)**

Conversions

Conversions Part 1

Format	Color
Hex	8895A6
RGB	136, 149, 166
RGB Percent	53%, 58%, 65%
CMY	0.4667, 0.4157, 0.3490
CMYK	0.18, 0.10, 0.00, 0.35
HSL	214°, 14%, 59%
HSV	214°, 18%, 65%
XYZ	27.7837, 29.4823, 40.3027
YIQ	147.0510, -13.2050, 2.5310

Conversions

Conversions Part 2

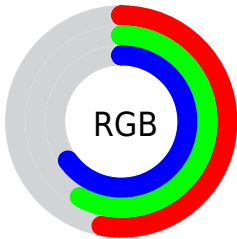
Format	Color
R_{YB}	136, 145, 166
Decimal	8951206
CIE _{Lab}	61.20, -0.95, -10.49
CIE _{LCh}	61, 10.531, 264.845
Yxy	29.4823, 0.2848, 0.3022
Android (android.graphics.Color)	4287141286 (0xFF8895A6)
YUV	147.0510, 9.3419, -9.6917
Hunter-Lab	54.2976, -3.6836, -6.0000

Details

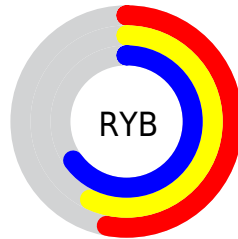
The XYZ color **27.7837, 29.4823, 40.3027** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.5613, 32.6669, 27.9350**, and the grayscale version is **27.7214, 29.1651, 31.7608**.

A 20% lighter version of the original color is **55.6423, 58.8795, 76.8388**, and **11.2427, 11.9287, 17.6295** is the 20% darker color. If you saturate the color by 10%, you get **23.8654, 25.3424, 39.7106**, and if you desaturate by 10%, it is **32.2416, 34.0803, 40.9557**.

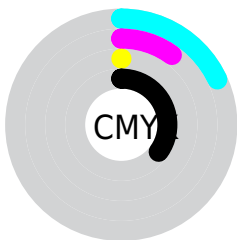
Distribution



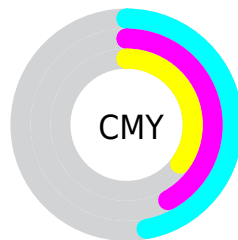
- Red (53%)
- Green (58%)
- Blue (65%)



- Red (53%)
- Yellow (57%)
- Blue (65%)



- Cyan (18%)
- Magenta (10%)
- Yellow (0%)
- Black (35%)



- Cyan (47%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7837, 29.4823, 40.3027 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 27.7837, 29.4823, 40.3027 by changing the saturation by 10% instead.

■ 27.7837, 29.4823,
40.3027

■ 27.7837, 29.4823,
40.3027

283.5308,
299.4838, 362.9877

■ 18.3023, 19.4460,
27.4591

■ 55.5500, 58.8425,
76.8664

■ 11.2682, 11.9930,
17.6828

■ 74.5656, 78.9352,
101.4234

■ 6.3162, 6.7389,
10.5554

■ 97.4899, 103.1487,
130.7221

■ 3.0808, 3.2993,
5.6584

124.6884,
131.8676, 165.1809

■ 1.1966, 1.2899,
2.5731

156.5264,
165.4761, 205.2183

■ 0.1037, 0.1334,
0.8785

193.3692,

■ 0.0000, 0.0000,

204.3587, 251.2528

0.0000

235.5822,
248.8998, 303.7031

■ 27.7837, 29.4823,
40.3027

■ 27.7837, 29.4823,
40.3027

■ 23.8654, 25.3424,
39.7106

■ 32.2416, 34.0803,
40.9557

■ 20.4620, 21.6414,
39.1756

■ 37.2570, 39.1474,
41.6694

■ 17.5508, 18.3641,
38.6965

■ 42.8503, 44.6988,
42.4462

■ 15.1062, 15.4927,
38.2711

■ 49.0401, 50.7480,
43.2875

■ 13.1002, 13.0080,
37.8972

■ 55.8441, 57.3076,
44.1951

■ 11.5013, 10.8889,
37.5725

■ 63.2792, 64.3901,
45.1702

■ 10.2733, 9.1115,
37.2941

■ 71.3616, 72.0073,
46.2145

■ 9.3558, 7.6392,
37.0583

■ 74.8455, 77.4581,
47.0830

■ 9.1968, 7.3808,
37.0168

■ 77.4474, 82.6620,
47.9503

Harmonies

Analogous

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



26.5180, 29.4823, 38.7419



27.7837, 29.4823, 40.3027



29.1547, 29.4823, 39.5230

Triad

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



27.7837, 29.4823, 40.3027



30.5061, 29.4823, 29.0053



25.9028, 29.4823, 27.9112

Complementary

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



27.7837, 29.4823, 40.3027



31.5613, 32.6669, 27.9350

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.



26.9191, 29.4823, 25.6721



27.7837, 29.4823, 40.3027



29.5819, 29.4823, 26.2664

Square

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



27.7837, 29.4823, 40.3027



30.7559, 29.4823, 32.7906



28.2617, 29.4823, 25.0955



25.4552, 29.4823, 31.4215

Rectangle

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



27.7837, 29.4823, 40.3027



29.9402, 29.4823, 37.8117



28.2617, 29.4823, 25.0955



26.1876, 29.4823, 26.9967

Sweetspot

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



27.7846, 29.4835, 40.3034



61.1186, 64.5008, 74.7039



29.4986, 34.7906, 35.0820



13.5431, 14.2980, 16.6981



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.7846, 29.4835, 40.3034



47.2234, 50.1497, 72.6662



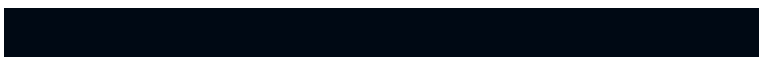
26.0863, 25.7228, 39.6670



7.3892, 7.8154, 9.5374



7.1764, 5.8130, 28.7193



0.2258, 0.2439, 0.7158

Inverse Universe

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



29.9556, 27.8859, 32.2388



52.0060, 46.8195, 54.8576



33.4939, 36.9964, 28.6688



7.6611, 7.5943, 8.5323



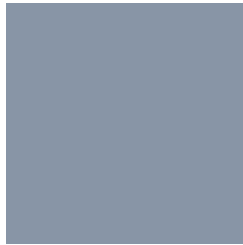
13.1229, 6.6579, 5.4588



0.3451, 0.1723, 0.2690

Previews

White Background



This preview shows how the XYZ color 27.7837, 29.4823, 40.3027 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 27.7837, 29.4823, 40.3027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

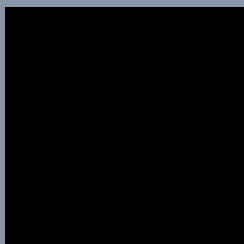
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.7837, 29.4823, 40.3027

Background



This preview shows how black text looks on a background with the XYZ color 27.7837, 29.4823, 40.3027.



This preview shows how white text looks on a background with the XYZ color 27.7837, 29.4823,

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

27.7837, 29.4823, 40.3027

Protanopia

28.6568, 29.2578, 39.2589

Deuteranopia

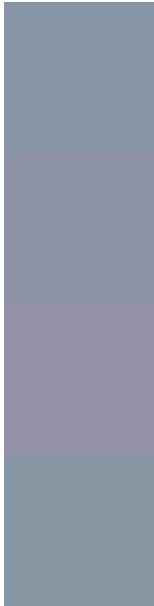
30.0852, 29.5088, 40.6693



Tritanopia

27.4196, 29.5722, 38.4453

Trichromacy



Original Color

27.7837, 29.4823, 40.3027

Protanomaly

28.3806, 29.3348, 39.7637

Deuteranomaly

29.2866, 29.5508, 40.7195

Tritanomaly

27.5089, 29.6079, 38.9154

Monochromacy



Original Color

27.7837, 29.4823, 40.3027

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.7503, 29.3525, 34.7749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7837, 29.4823, 40.3027 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(136, 149, 166)` looks like.

```
.text, #text, p{  
    color:rgb(136, 149, 166)  
}
```

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(136, 149, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 149, 166) }
```

Border

The CSS property to change the border of an element to XYZ 27.7837, 29.4823, 40.3027 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(136, 149, 166) }
```


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

```
.border{ border-color:rgb(136, 149, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 149, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 149, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 149, 166);  
box-shadow:4px 4px 4px 4px rgb(136, 149,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7837, 29.4823, 40.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 149, 166) }
```

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

```
.background{ background-color: rgb(136,  
149, 166) }
```

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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