

Converting Colors

XYZ(27.3083, 31.1178, 32.1708)

Have a look what the booklet for
XYZ(27.3083, 31.1178, 32.1708)
contains.

XYZ(27.3083, 31.1178, 32.1708)	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(27.3083, 31.1178,
32.1708)**

Conversions

Conversions Part 1

Format	Color
Hex	889C93
RGB	136, 156, 147
RGB Percent	53%, 61%, 58%
CMY	0.4667, 0.3882, 0.4235
CMYK	0.13, 0.00, 0.06, 0.39
HSL	153°, 9%, 57%
HSV	153°, 13%, 61%
XYZ	27.3083, 31.1178, 32.1708
YIQ	148.9940, -9.0310, -7.0390

Conversions

Conversions Part 2

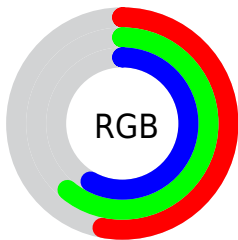
Format	Color
R_{YB}	136, 149, 156
Decimal	8952979
CIE Lab	62.61, -8.89, 2.32
CIE LCh	63, 9.191, 165.371
Yxy	31.1178, 0.3014, 0.3435
Android (android.graphics.Color)	4287143059 (0xFF889C93)
YUV	148.9940, -0.9830, -11.3957
Hunter-Lab	55.7833, -10.2375, 4.8552

Details

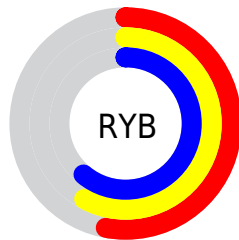
The XYZ color **27.3083, 31.1178, 32.1708** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.6265, 26.7214, 30.4912**, and the grayscale version is **28.5720, 30.0600, 32.7353**.

A 20% lighter version of the original color is **54.8231, 61.6244, 64.2635**, and **11.0470, 12.9447, 13.2256** is the 20% darker color. If you saturate the color by 10%, you get **24.4227, 29.6928, 29.2473**, and if you desaturate by 10%, it is **30.5981, 32.7490, 35.2901**.

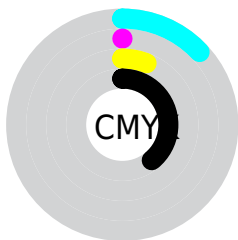
Distribution



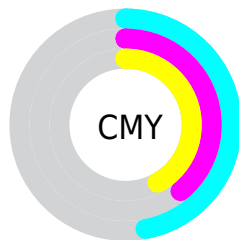
- Red (53%)
- Green (61%)
- Blue (58%)



- Red (53%)
- Yellow (58%)
- Blue (61%)



- Cyan (13%)
- Magenta (0%)
- Yellow (6%)
- Black (39%)



- Cyan (47%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3083, 31.1178, 32.1708 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 27.3083, 31.1178, 32.1708 by changing the saturation by 10% instead.

■ 27.3083, 31.1178,
32.1708

■ 27.3083, 31.1178,
32.1708

281.2872,
307.0807, 326.4132

■ 17.9427, 20.6886,
21.2261

■ 54.7946, 61.4255,
64.1798

■ 11.0083, 12.8965,
13.0965

■ 73.6460, 82.0727,
86.0811

■ 6.1397, 7.3573,
7.3635

■ 96.3900, 106.8948,
112.4717

■ 2.9717, 3.6866,
3.6086

123.3920,
136.2760, 143.7702

■ 1.1388, 1.4998,
1.4132

155.0174,
170.6008, 180.3951

■ 0.0572, 0.2886,
0.1520

191.6315,

■ 0.0000, 0.0000,

210.2536, 222.7648

0.0000

233.5996,
255.6187, 271.2980

■ 27.3083, 31.1178,
32.1708

■ 27.3083, 31.1178,
32.1708

■ 24.4227, 29.6928,
29.2473

■ 30.5981, 32.7490,
35.2901

■ 21.9222, 28.4617,
26.5136

■ 34.3050, 34.5904,
38.6069

■ 19.7900, 27.4167,
23.9664

■ 38.4445, 36.6508,
42.1256

■ 18.0071, 26.5481,
21.6016

■ 43.0304, 38.9372,
45.8495

■ 16.5527, 25.8452,
19.4148

■ 48.0761, 41.4566,
49.7822

■ 15.4036, 25.2962,
17.4014

■ 53.5943, 44.2153,
53.9270

■ 14.5334, 24.8875,
15.5566

■ 59.5973, 47.2196,
58.2872

■ 13.9108, 24.6031,
13.8751

■ 63.9290, 49.3581,
62.7645

■ 13.5604, 24.4467,
12.7640

■ 64.7859, 49.7009,
67.2771

Harmonies

Analogous

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



27.8965, 31.1178, 29.2666



27.3083, 31.1178, 32.1708



27.3160, 31.1178, 35.7422

Triad

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



27.3083, 31.1178, 32.1708



30.2191, 31.1178, 40.9725



31.2998, 31.1178, 29.2093

Complementary

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



27.3083, 31.1178, 32.1708



27.6265, 26.7214, 30.4912

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.



31.9585, 31.1178, 32.0875



27.3083, 31.1178, 32.1708



31.3227, 31.1178, 38.9587

Square

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



27.3083, 31.1178, 32.1708



28.9728, 31.1178, 40.9988



31.9670, 31.1178, 35.6528



30.1886, 31.1178, 27.6405

Rectangle

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



27.3083, 31.1178, 32.1708



27.6570, 31.1178, 38.0309



31.9670, 31.1178, 35.6528



31.5828, 31.1178, 30.0464

Sweetspot

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



27.3092, 31.1191, 32.1715



54.7799, 59.0855, 63.3619



28.0694, 31.6060, 27.9142



11.9565, 12.9530, 13.8518



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.



27.3092, 31.1191, 32.1715



48.2342, 55.8433, 57.0825



27.9321, 31.1897, 36.0021



6.6957, 7.4590, 7.8321



11.1867, 20.1426, 10.6061



0.2212, 0.3686, 0.3011

Inverse Universe

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



27.6265, 26.7214, 30.4912



48.9103, 46.4734, 53.5028



27.0536, 26.6430, 27.0098



6.7509, 6.6933, 7.5395



12.2262, 6.1951, 5.4422



0.2397, 0.1192, 0.2081

Previews

White Background



This preview shows how the XYZ color 27.3083, 31.1178, 32.1708 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 27.3083, 31.1178, 32.1708 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

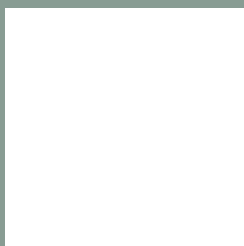
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3083, 31.1178, 32.1708

Background



This preview shows how black text looks on a background with the XYZ color 27.3083, 31.1178, 32.1708.



This preview shows how white text looks on a background with the XYZ color 27.3083, 31.1178,

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

27.3083, 31.1178, 32.1708

Protanopia

29.8110, 31.2148, 30.8394

Deuteranopia

31.4296, 30.8347, 32.7289



Tritanopia

28.8302, 30.9880, 40.0591

Trichromacy



Original Color

27.3083, 31.1178, 32.1708

Protanomaly

28.8965, 31.2164, 31.2904

Deuteranomaly

29.7692, 30.9194, 32.4160

Tritanomaly

28.2084, 30.9831, 36.8413

Monochromacy



Original Color

27.3083, 31.1178, 32.1708

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.0751, 30.5239, 32.4290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3083, 31.1178, 32.1708 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, 156, 147)` looks like.

```
.text, #text, p{  
    color:rgb(136, 156, 147)  
}
```

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, 156, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 156, 147) }
```

Border

The CSS property to change the border of an element to XYZ 27.3083, 31.1178, 32.1708 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, 156, 147) }
```


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

```
.border{ border-color:rgb(136, 156, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 156, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 156, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 156, 147);  
box-shadow:4px 4px 4px 4px rgb(136, 156,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3083, 31.1178, 32.1708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 156, 147) }
```

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

```
.background{ background-color: rgb(136,  
156, 147) }
```

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