

Converting Colors

XYZ(27.0886, 30.9909, 41.7684)

Have a look what the booklet for
XYZ(27.0886, 30.9909, 41.7684)
contains.

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Color

**XYZ(27.1509, 31.0787,
41.6136)**

Conversions

Conversions Part 1

Format	Color
Hex	7A9DA8
RGB	122, 157, 168
RGB Percent	48%, 62%, 66%
CMY	0.5216, 0.3843, 0.3412
CMYK	0.27, 0.07, 0.00, 0.34
HSL	194°, 21%, 57%
HSV	194°, 27%, 66%
XYZ	27.1509, 31.0787, 41.6136
YIQ	147.7890, -24.3910, -3.9990

Conversions

Conversions Part 2

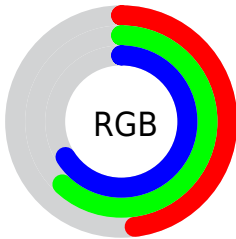
Format	Color
RYB	122, 142, 168
Decimal	8035752
CIELab	62.57, -9.39, -9.67
CIELCh	63, 13.475, 225.848
Yxy	31.0787, 0.2719, 0.3113
Android (android.graphics.Color)	4286225832 (0xFF7A9DA8)
YUV	147.7890, 9.9640, -22.6170
Hunter-Lab	55.7483, -10.6252, -5.2335

Details

The XYZ color **27.1509, 31.0787, 41.6136** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.0492, 26.5052, 22.0507**, and the grayscale version is **28.0283, 29.4879, 32.1124**.

A 20% lighter version of the original color is **54.5420, 61.5286, 78.8136**, and **10.9789, 12.9467, 18.4433** is the 20% darker color. If you saturate the color by 10%, you get **24.3065, 28.6207, 41.2896**, and if you desaturate by 10%, it is **30.4308, 33.7959, 41.9657**.

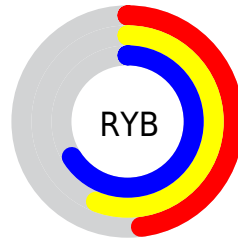
Distribution



Red (48%)

Green (62%)

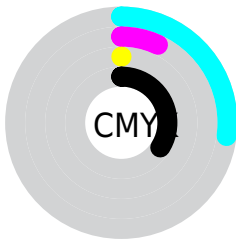
Blue (66%)



Red (48%)

Yellow (56%)

Blue (66%)

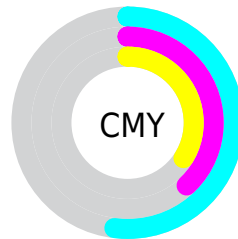


Cyan (27%)

Magenta (7%)

Yellow (0%)

Black (34%)



Cyan (52%)

Magenta (38%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1509, 31.0787, 41.6136 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 27.1509, 31.0787, 41.6136 by changing the saturation by 10% instead.

■ 27.1509, 31.0787,
41.6136

■ 27.1509, 31.0787,
41.6136

280.5413,
306.9007, 368.6310

■ 17.8238, 20.6588,
28.4755

■ 54.5441, 61.3640,
78.8783

■ 10.9225, 12.8748,
18.4423

■ 73.3409, 81.9981,
103.8419

■ 6.0816, 7.3424,
11.0953

■ 96.0249, 106.8057,
133.5846

■ 2.9359, 3.6771,
6.0160

122.9615,
136.1713, 168.5247

■ 1.1200, 1.4947,
2.7858

154.5161,
170.4792, 209.0809

■ 0.0417, 0.2850,
0.9864

191.0540,

■ 0.0000, 0.0000,

210.1138, 255.6716

0.0000

232.9406,
255.4595, 308.7154

■ 27.1509, 31.0787,
41.6136

■ 27.1509, 31.0787,
41.6136

■ 24.3065, 28.6207,
41.2896

■ 30.4308, 33.7959,
41.9657

■ 21.8733, 26.4069,
40.9905

■ 34.1632, 36.7790,
42.3448

■ 19.8291, 24.4261,
40.7159

■ 38.3676, 40.0393,
42.7525

■ 18.1482, 22.6648,
40.4646

■ 43.0616, 43.5860,
43.1897

■ 16.8016, 21.1077,
40.2350

■ 48.2616, 47.4280,
43.6572

■ 15.7558, 19.7373,
40.0256

■ 53.9836, 51.5738,
44.1558

■ 14.9583, 18.5261,
39.8338

■ 60.2426, 56.0313,
44.6863

■ 14.7655, 18.2222,
39.7853

■ 66.5351, 60.5414,
45.2252

■ 67.4120, 62.2952,
45.5175

Harmonies

Analogous

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



26.2758, 31.0787, 36.6725



27.1509, 31.0787, 41.6136



28.6857, 31.0787, 44.6051

Triad

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



27.1509, 31.0787, 41.6136



33.0917, 31.0787, 36.3687



28.5870, 31.0787, 25.0256

Complementary

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



27.1509, 31.0787, 41.6136



28.0492, 26.5052, 22.0507

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.



30.4098, 31.0787, 24.9624



27.1509, 31.0787, 41.6136



33.0626, 31.0787, 31.1562

Square

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



27.1509, 31.0787, 41.6136



32.1420, 31.0787, 41.3715



32.0640, 31.0787, 27.0993



27.0812, 31.0787, 27.2819

Rectangle

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



27.1509, 31.0787, 41.6136



29.9001, 31.0787, 44.9110



32.0640, 31.0787, 27.0993



29.1816, 31.0787, 24.7557

Sweetspot

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



27.1518, 31.0799, 41.6143



61.4442, 66.3074, 76.7852



26.2445, 33.8295, 27.2410



13.1673, 14.2744, 16.7134



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.



27.1518, 31.0799, 41.6143



45.9659, 53.5668, 75.1418



23.6566, 24.0894, 40.4492



7.5933, 8.2235, 9.6054



11.1912, 13.8425, 30.0575



0.3082, 0.4085, 0.7433

Inverse Universe

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



29.1946, 24.6790, 35.1245



50.3871, 40.2168, 60.9824



31.5057, 33.4181, 23.2028



7.7641, 7.6355, 9.0748



15.1494, 7.4685, 16.1300



0.3867, 0.1890, 0.4878

Previews

White Background



This preview shows how the XYZ color 27.1509, 31.0787, 41.6136 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 27.1509, 31.0787, 41.6136 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 27.1509, 31.0787, 41.6136

Background



This preview shows how black text looks on a background with the XYZ color 27.1509, 31.0787, 41.6136.



This preview shows how white text looks on a background with the XYZ color 27.1509, 31.0787,

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

27.1509, 31.0787, 41.6136

Protanopia

30.1849, 30.9771, 39.5102

Deuteranopia

31.5940, 30.9378, 42.3366



Tritanopia

27.2444, 31.1161, 42.1062

Trichromacy



Original Color

27.1509, 31.0787, 41.6136

Protanomaly

28.9980, 31.0745, 40.0669

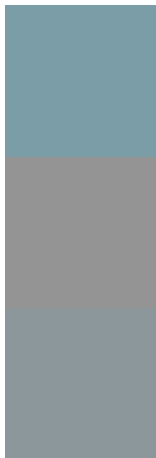
Deuteranomaly

29.7296, 30.9271, 41.9387

Tritanomaly

27.2444, 31.1161, 42.1062

Monochromacy



Original Color

27.1509, 31.0787, 41.6136

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.6305, 29.9887, 35.3425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1509, 31.0787, 41.6136 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(122, 157, 168)` looks like.

```
.text, #text, p{  
    color:rgb(122, 157, 168)  
}
```

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(122, 157, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 157, 168) }
```

Border

The CSS property to change the border of an element to XYZ 27.1509, 31.0787, 41.6136 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(122, 157, 168) }
```


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

```
.border{ border-color:rgb(122, 157, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 157, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 157, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 157, 168);  
box-shadow:4px 4px 4px 4px rgb(122, 157,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1509, 31.0787, 41.6136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 157, 168) }
```

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

```
.background{ background-color: rgb(122,  
157, 168) }
```

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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