

Converting Colors

XYZ(27.1413, 31.7045, 37.6013)

Have a look what the booklet for
XYZ(27.1413, 31.7045, 37.6013)
contains.

XYZ(27.1136, 31.6595, 37.4827)	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(27.1136, 31.6595,
37.4827)**

Conversions

Conversions Part 1

Format	Color
Hex	7D9F9F
RGB	125, 159, 159
RGB Percent	49%, 62%, 62%
CMY	0.5098, 0.3765, 0.3765
CMYK	0.21, 0.00, 0.00, 0.38
HSL	180°, 15%, 56%
HSV	180°, 21%, 62%
XYZ	27.1136, 31.6595, 37.4827
YIQ	148.8340, -20.2640, -7.2080

Conversions

Conversions Part 2

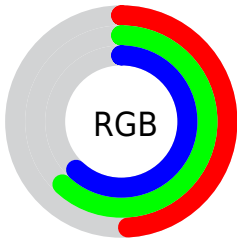
Format	Color
RYB	125, 142, 159
Decimal	8232863
CIELab	63.06, -11.63, -3.86
CIElCh	63, 12.257, 198.349
Yxy	31.6595, 0.2817, 0.3289
Android (android.graphics.Color)	4286422943 (0xFF7D9F9F)
YUV	148.8340, 5.0118, -20.9024
Hunter-Lab	56.2668, -12.4520, -0.1099

Details

The XYZ color **27.1136, 31.6595, 37.4827** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.3345, 23.5197, 22.6079**, and the grayscale version is **28.4838, 29.9671, 32.6342**.

A 20% lighter version of the original color is **54.5443, 62.4132, 72.7905**, and **10.9710, 13.3037, 16.1770** is the 20% darker color. If you saturate the color by 10%, you get **24.9759, 30.5583, 37.3828**, and if you desaturate by 10%, it is **29.6248, 32.9549, 37.6014**.

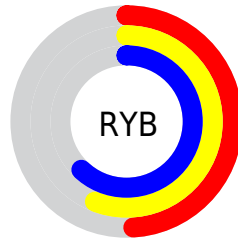
Distribution



Red (49%)

Green (62%)

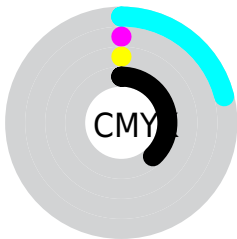
Blue (62%)



Red (49%)

Yellow (56%)

Blue (62%)

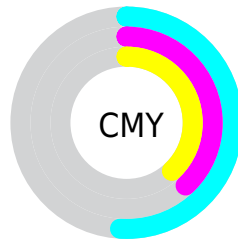


Cyan (21%)

Magenta (0%)

Yellow (0%)

Black (38%)



Cyan (51%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1136, 31.6595, 37.4827 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 27.1136, 31.6595, 37.4827 by changing the saturation by 10% instead.

■ 27.1136, 31.6595,
37.4827

■ 27.1136, 31.6595,
37.4827

280.3643,
309.5652, 350.6271

■ 17.7956, 21.1016,
25.2827

■ 54.4847, 62.2769,
72.5092

■ 10.9021, 13.1983,
16.0669

■ 73.2685, 83.1052,
96.1727

■ 6.0679, 7.5652,
9.4166

■ 95.9383, 108.1256,
124.4946

■ 2.9274, 3.8180,
4.9134

122.8594,
137.7227, 157.8933

■ 1.1155, 1.5723,
2.1387

154.3972,
172.2809, 196.7873

■ 0.0380, 0.3388,
0.6387

190.9170,

■ 0.0000, 0.0000,

212.1844, 241.5953

0.0000

232.7843,
257.8177, 292.7357

■ 27.1136, 31.6595,
37.4827

■ 27.1136, 31.6595,
37.4827

■ 24.9759, 30.5583,
37.3828

■ 29.6248, 32.9549,
37.6014

■ 23.1912, 29.6383,
37.2988

■ 32.5231, 34.4490,
37.7375

■ 21.7414, 28.8909,
37.2304

■ 35.8250, 36.1512,
37.8926

■ 20.6056, 28.3054,
37.1768

■ 39.5451, 38.0690,
38.0672

■ 19.7607, 27.8698,
37.1367

■ 43.6974, 40.2095,
38.2620

■ 19.1801, 27.5705,
37.1090

■ 48.2950, 42.5796,
38.4777

■ 18.8326, 27.3914,
37.0923

■ 53.3506, 45.1859,
38.7148

■ 18.6561, 27.3004,
37.0836

■ 58.8766, 48.0346,
38.9739

■ 59.8977, 48.5610,
39.0222

Harmonies

Analogous

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



27.0221, 31.6595, 32.6277



27.1136, 31.6595, 37.4827



27.9847, 31.6595, 41.8972

Triad

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



27.1136, 31.6595, 37.4827



32.5833, 31.6595, 41.0285



30.7519, 31.6595, 26.1431

Complementary

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



27.1136, 31.6595, 37.4827



25.3345, 23.5197, 22.6079

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.



32.3013, 31.6595, 27.9801



27.1136, 31.6595, 37.4827



33.3847, 31.6595, 36.3841

Square

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



27.1136, 31.6595, 37.4827



31.1251, 31.6595, 44.0726



33.2796, 31.6595, 31.6266



29.0808, 31.6595, 26.3776

Rectangle

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



27.1136, 31.6595, 37.4827



28.9093, 31.6595, 43.8570



33.2796, 31.6595, 31.6266



31.3053, 31.6595, 26.5312

Sweetspot

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



27.1145, 31.6608, 37.4834



55.6998, 60.3810, 67.4619



24.6412, 30.6810, 24.0259



12.4870, 13.5765, 15.2059



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



27.1145, 31.6608, 37.4834



46.5190, 55.6482, 67.0304



24.4739, 26.3793, 36.6042



6.8219, 7.5095, 8.4965



14.7345, 21.5617, 29.2885



0.2635, 0.3855, 0.5237

Inverse Universe

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



25.3345, 23.5197, 22.6079



42.7102, 38.2281, 35.2001



27.5898, 28.0305, 23.3589



6.6331, 6.6462, 6.9190



11.2932, 5.8218, 0.5288



0.2019, 0.1041, 0.0095

Previews

White Background



This preview shows how the XYZ color 27.1136, 31.6595, 37.4827 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 27.1136, 31.6595, 37.4827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

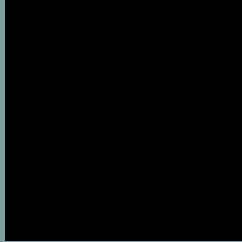
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

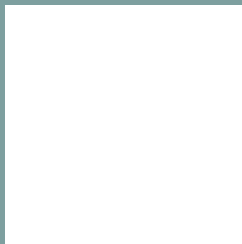
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1136, 31.6595, 37.4827

Background



This preview shows how black text looks on a background with the XYZ color 27.1136, 31.6595, 37.4827.

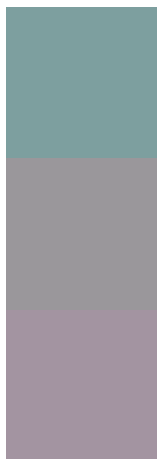


This preview shows how white text looks on a background with the XYZ color 27.1136, 31.6595,

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

27.1136, 31.6595, 37.4827

Protanopia

30.3094, 31.3698, 35.4678

Deuteranopia

32.1272, 31.5395, 38.1127



Tritanopia

28.0651, 31.5282, 42.6366

Trichromacy



Original Color

27.1136, 31.6595, 37.4827

Protanomaly

28.8840, 31.3511, 35.9815

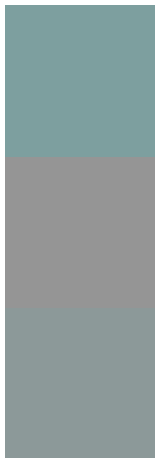
Deuteranomaly

29.9678, 31.3841, 37.7360

Tritanomaly

27.7140, 31.6425, 40.7233

Monochromacy



Original Color

27.1136, 31.6595, 37.4827

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.9562, 30.6578, 34.5811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1136, 31.6595, 37.4827 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(125, 159, 159)` looks like.

```
.text, #text, p{  
    color:rgb(125, 159, 159)  
}
```

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(125, 159, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 159, 159) }
```

Border

The CSS property to change the border of an element to XYZ 27.1136, 31.6595, 37.4827 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(125, 159, 159) }
```


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

```
.border{ border-color:rgb(125, 159, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 159, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 159, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 159, 159);  
box-shadow:4px 4px 4px 4px rgb(125, 159,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1136, 31.6595, 37.4827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 159, 159) }
```

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

```
.background{ background-color: rgb(125,  
159, 159) }
```

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