

Converting Colors

XYZ(27.0008, 31.1897, 33.7173)

Have a look what the booklet for
XYZ(27.0008, 31.1897, 33.7173)
contains.

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Color

**XYZ(27.0030, 31.1736,
33.8721)**

Conversions

Conversions Part 1

Format	Color
Hex	839D97
RGB	131, 157, 151
RGB Percent	51%, 62%, 59%
CMY	0.4863, 0.3843, 0.4078
CMYK	0.17, 0.00, 0.04, 0.38
HSL	166°, 12%, 56%
HSV	166°, 17%, 62%
XYZ	27.0030, 31.1736, 33.8721
YIQ	148.5420, -13.5700, -7.3780

Conversions

Conversions Part 2

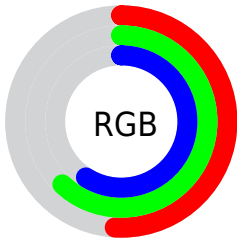
Format	Color
RYB	131, 146, 157
Decimal	8625559
CIELab	62.65, -10.33, 0.09
CIELCh	63, 10.330, 179.478
Yxy	31.1736, 0.2934, 0.3387
Android (android.graphics.Color)	4286815639 (0xFF839D97)
YUV	148.5420, 1.2118, -15.3843
Hunter-Lab	55.8333, -11.3793, 3.1142

Details

The XYZ color **27.0030, 31.1736, 33.8721** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.5374, 25.2077, 27.1352**, and the grayscale version is **28.3747, 29.8524, 32.5093**.

A 20% lighter version of the original color is **54.3301, 61.6851, 66.8005**, and **10.8476, 12.9775, 13.9898** is the 20% darker color. If you saturate the color by 10%, you get **24.4636, 29.8988, 32.2408**, and if you desaturate by 10%, it is **29.9218, 32.6446, 35.5697**.

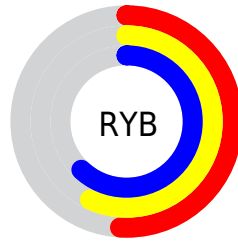
Distribution



Red (51%)

Green (62%)

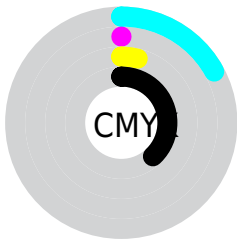
Blue (59%)



Red (51%)

Yellow (57%)

Blue (62%)

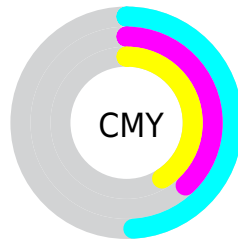


Cyan (17%)

Magenta (0%)

Yellow (4%)

Black (38%)



Cyan (49%)

Magenta (38%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0030, 31.1736, 33.8721 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 27.0030, 31.1736, 33.8721 by changing the saturation by 10% instead.

■ 27.0030, 31.1736,
33.8721

■ 27.0030, 31.1736,
33.8721

279.8389,
307.3373, 334.3131

■ 17.7121, 20.7311,
22.5188

■ 54.3085, 61.5133,
66.8663

■ 10.8419, 12.9276,
14.0366

■ 73.0539, 82.1792,
89.3444

■ 6.0271, 7.3787,
8.0071

■ 95.6814, 107.0218,
116.3677

■ 2.9024, 3.7000,
4.0117

122.5564,
136.4253, 148.3549

■ 1.1024, 1.5072,
1.6317

154.0443,
170.7742, 185.7245

■ 0.0271, 0.2938,
0.3133

190.5105,

■ 0.0000, 0.0000,

210.4530, 228.8950

0.0000

232.3202,
255.8458, 278.2851

■ 27.0030, 31.1736,
33.8721

■ 27.0030, 31.1736,
33.8721

■ 24.4636, 29.8988,
32.2408

■ 29.9218, 32.6446,
35.5697

■ 22.2842, 28.8078,
30.6726

■ 33.2328, 34.3159,
37.3326

■ 20.4479, 27.8926,
29.1668

■ 36.9516, 36.1963,
39.1626

■ 18.9353, 27.1432,
27.7222

■ 41.0921, 38.2931,
41.0609

■ 17.7250, 26.5486,
26.3372

■ 45.6676, 40.6131,
43.0284

■ 16.7928, 26.0965,
25.0104

■ 50.6907, 43.1627,
45.0661

■ 16.1111, 25.7725,
23.7399

■ 56.1736, 45.9482,
47.1749

■ 15.6385, 25.5552,
22.5234

■ 61.5352, 48.6701,
49.3281

■ 15.4941, 25.4897,
22.1160

■ 61.9093, 48.8198,
51.2983

Harmonies

Analogous

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



27.3572, 31.1736, 30.1538



27.0030, 31.1736, 33.8721



27.3338, 31.1736, 37.9045

Triad

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



27.0030, 31.1736, 33.8721



30.9824, 31.1736, 41.1528



31.0265, 31.1736, 27.6899

Complementary

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



27.0030, 31.1736, 33.8721



26.5374, 25.2077, 27.1352

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.



32.0504, 31.1736, 30.2672



27.0030, 31.1736, 33.8721



32.0244, 31.1736, 38.0365

Square

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



27.0030, 31.1736, 33.8721



29.6049, 31.1736, 42.3048



32.4212, 31.1736, 34.0135



29.6543, 31.1736, 26.7623

Rectangle

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



27.0030, 31.1736, 33.8721



27.9044, 31.1736, 40.1869



32.4212, 31.1736, 34.0135



31.4244, 31.1736, 28.3814

Sweetspot

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



27.0039, 31.1749, 33.8728



54.4084, 58.8761, 64.1539



26.4822, 31.0780, 26.0762



11.8914, 12.9145, 14.0722



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.



27.0039, 31.1749, 33.8728



46.5412, 54.9146, 59.5289



26.3639, 29.0948, 36.1261



6.7563, 7.4833, 8.1513



12.5981, 20.7072, 18.0383



0.2400, 0.3762, 0.4004

Inverse Universe

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



26.5374, 25.2077, 27.1352



45.5405, 42.1052, 45.0685



27.0813, 26.9656, 25.2509



6.6927, 6.6700, 7.2328



11.5671, 5.9314, 1.9714



0.2213, 0.1118, 0.1113

Previews

White Background



This preview shows how the XYZ color 27.0030, 31.1736, 33.8721 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 27.0030, 31.1736, 33.8721 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

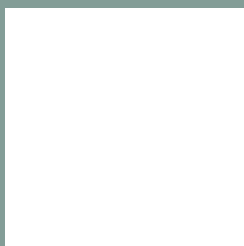
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.0030, 31.1736, 33.8721

Background



This preview shows how black text looks on a background with the XYZ color 27.0030, 31.1736, 33.8721.

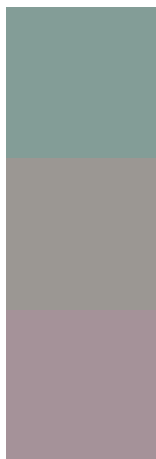


This preview shows how white text looks on a background with the XYZ color 27.0030, 31.1736,

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

27.0030, 31.1736, 33.8721

Protanopia

29.8506, 31.2084, 32.0543

Deuteranopia

31.5457, 30.8570, 34.4304



Tritanopia

28.5279, 31.3010, 41.0973

Trichromacy



Original Color

27.0030, 31.1736, 33.8721

Protanomaly

28.5906, 31.0316, 32.4998

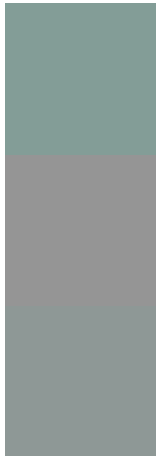
Deuteranomaly

29.7107, 30.8520, 34.0949

Tritanomaly

27.9944, 31.3367, 38.2913

Monochromacy



Original Color

27.0030, 31.1736, 33.8721

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.8886, 30.4093, 33.2539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0030, 31.1736, 33.8721 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(131, 157, 151)` looks like.

```
.text, #text, p{  
    color:rgb(131, 157, 151)  
}
```

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(131, 157, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 157, 151) }
```

Border

The CSS property to change the border of an element to XYZ 27.0030, 31.1736, 33.8721 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(131, 157, 151) }
```


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

```
.border{ border-color:rgb(131, 157, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 157, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 157, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 157, 151);  
box-shadow:4px 4px 4px 4px rgb(131, 157,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0030, 31.1736, 33.8721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 157, 151) }
```

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

```
.background{ background-color: rgb(131,  
157, 151) }
```

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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