

Converting Colors

XYZ(27.3986, 29.1552, 33.6656)

Have a look what the booklet for
XYZ(27.3986, 29.1552, 33.6656)
contains.

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Color

**XYZ(27.3311, 29.1650,
33.4671)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9497
RGB	142, 148, 151
RGB Percent	56%, 58%, 59%
CMY	0.4431, 0.4196, 0.4078
CMYK	0.06, 0.02, 0.00, 0.41
HSL	200°, 4%, 57%
HSV	200°, 6%, 59%
XYZ	27.3311, 29.1650, 33.4671
YIQ	146.5480, -4.5390, -0.3390

Conversions

Conversions Part 2

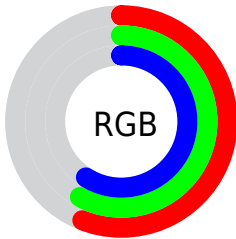
Format	Color
R_{YB}	142, 146, 151
Decimal	9344151
CIE _{Lab}	60.93, -1.56, -2.34
CIE _{LCh}	61, 2.813, 236.325
Yxy	29.1650, 0.3038, 0.3242
Android (android.graphics.Color)	4287534231 (0xFF8E9497)
YUV	146.5480, 2.1948, -3.9886
Hunter-Lab	54.0046, -4.1714, 1.0608

Details

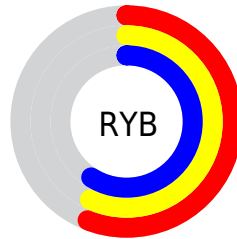
The XYZ color **27.3311, 29.1650, 33.4671** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.7703, 28.7826, 29.6834**, and the grayscale version is **27.5400, 28.9742, 31.5529**.

A 20% lighter version of the original color is **54.9049, 58.3846, 66.1332**, and **10.9886, 11.7448, 13.7444** is the 20% darker color. If you saturate the color by 10%, you get **24.1423, 26.3763, 33.0973**, and if you desaturate by 10%, it is **30.9068, 32.2057, 33.8660**.

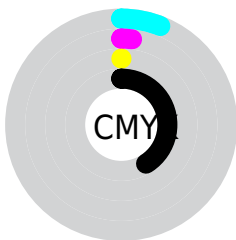
Distribution



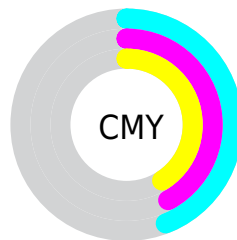
- Red (56%)
- Green (58%)
- Blue (59%)



- Red (56%)
- Yellow (57%)
- Blue (59%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (41%)



- Cyan (44%)
- Magenta (42%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3311, 29.1650, 33.4671 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 27.3311, 29.1650, 33.4671 by changing the saturation by 10% instead.

■ 27.3311, 29.1650,
33.4671

■ 27.3311, 29.1650,
33.4671

281.3951,
297.9927, 332.4456

■ 17.9599, 19.2057,
22.2105

■ 54.8309, 58.3391,
66.2285

■ 11.0207, 11.8190,
13.8118

■ 73.6902, 78.3227,
88.5703

■ 6.1482, 6.6205,
7.8527

■ 96.4429, 102.4166,
115.4444

■ 2.9769, 3.2259,
3.9144

123.4544,
131.0050, 147.2691

■ 1.1416, 1.2508,
1.5785

155.0900,
164.4724, 184.4630

■ 0.0595, 0.1026,
0.2754

191.7150,

■ 0.0000, 0.0000,

203.2032, 227.4447

0.0000

233.6950,
247.5819, 276.6327

■ 27.3311, 29.1650,
33.4671

■ 27.3311, 29.1650,
33.4671

■ 24.1423, 26.3763,
33.0973

■ 30.9068, 32.2057,
33.8660

■ 21.3235, 23.8277,
32.7540

■ 34.8807, 35.5024,
34.2929

■ 18.8602, 21.5119,
32.4368

■ 39.2664, 39.0634,
34.7491

■ 16.7357, 19.4198,
32.1450

■ 44.0763, 42.8959,
35.2353

■ 14.9323, 17.5415,
31.8775

■ 49.3223, 47.0066,
35.7523

■ 13.4302, 15.8660,
31.6332

■ 55.0156, 51.4017,
36.3005

■ 12.2073, 14.3813,
31.4111

■ 61.1673, 56.0876,
36.8808

■ 11.2384, 13.0737,
31.2098

■ 64.8590, 59.5604,
37.3565

■ 10.4874, 11.9238,
31.0274

■ 65.9538, 61.7500,
37.7214

Harmonies

Analogous

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



27.0929, 29.1650, 32.6602



27.3311, 29.1650, 33.4671



27.6753, 29.1650, 33.8151

Triad

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



27.3311, 29.1650, 33.4671



28.4305, 29.1650, 31.8854



27.4088, 29.1650, 29.9789

Complementary

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



27.3311, 29.1650, 33.4671



27.7703, 28.7826, 29.6834

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.



27.7657, 29.1650, 29.7817



27.3311, 29.1650, 33.4671



28.3576, 29.1650, 30.8681

Square

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



27.3311, 29.1650, 33.4671



28.3118, 29.1650, 32.8893



28.1135, 29.1650, 30.1037



27.1375, 29.1650, 30.6485

Rectangle

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



27.3311, 29.1650, 33.4671



27.9192, 29.1650, 33.7346



28.1135, 29.1650, 30.1037



27.5226, 29.1650, 29.8558

Sweetspot

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



27.3319, 29.1662, 33.4677



51.3738, 54.3124, 60.2093



27.3216, 29.9242, 31.0637



11.6945, 12.3598, 13.6868



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



27.3319, 29.1662, 33.4677



48.2382, 51.6200, 59.8549



26.6619, 27.8261, 33.2444



6.3550, 6.8045, 7.9074



8.7144, 9.8254, 26.3449



0.1633, 0.2130, 0.4049

Inverse Universe

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



27.7814, 28.0638, 31.9712



49.1976, 49.2829, 56.6569



28.4483, 30.1386, 29.9094



6.4860, 6.4857, 7.4705



12.8574, 6.3972, 11.0398



0.2089, 0.1023, 0.2529

Previews

White Background



This preview shows how the XYZ color 27.3311, 29.1650, 33.4671 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 27.3311, 29.1650, 33.4671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

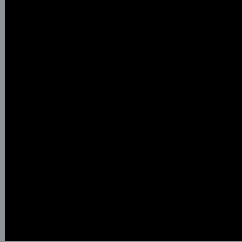
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

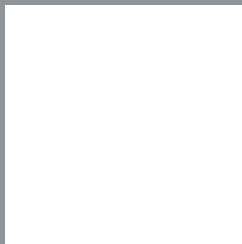
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3311, 29.1650, 33.4671

Background



This preview shows how black text looks on a background with the XYZ color 27.3311, 29.1650, 33.4671.



This preview shows how white text looks on a background with the XYZ color 27.3311, 29.1650,

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

27.3311, 29.1650, 33.4671

Protanopia

28.1783, 29.1493, 32.9954

Deuteranopia

29.6386, 28.9839, 33.7381



Tritanopia

27.9330, 29.1757, 36.5070

Trichromacy



Original Color

27.3311, 29.1650, 33.4671

Protanomaly

27.7928, 29.1804, 33.0217

Deuteranomaly

28.7776, 28.9858, 33.7838

Tritanomaly

27.6778, 29.0736, 35.1633

Monochromacy



Original Color

27.3311, 29.1650, 33.4671

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.4561, 29.0253, 32.1723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3311, 29.1650, 33.4671 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(142, 148, 151)` looks like.

```
.text, #text, p{  
    color:rgb(142, 148, 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(142, 148, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 148, 151) }
```

Border

The CSS property to change the border of an element to XYZ 27.3311, 29.1650, 33.4671 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(142, 148, 151) }
```


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

```
.border{ border-color:rgb(142, 148, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 148, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 148, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 148, 151);  
box-shadow:4px 4px 4px 4px rgb(142, 148,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3311, 29.1650, 33.4671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 148, 151) }
```

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

```
.background{ background-color: rgb(142,  
148, 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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