

Converting Colors

XYZ(27.1649, 30.9688, 35.5562)

Have a look what the booklet for
XYZ(27.1649, 30.9688, 35.5562)
contains.

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Color

**XYZ(27.1649, 30.9688,
35.5562)**

Conversions

Conversions Part 1

Format	Color
Hex	839C9B
RGB	131, 156, 155
RGB Percent	51%, 61%, 61%
CMY	0.4863, 0.3882, 0.3922
CMYK	0.16, 0.00, 0.01, 0.39
HSL	178°, 11%, 56%
HSV	178°, 16%, 61%
XYZ	27.1649, 30.9688, 35.5562
YIQ	148.4110, -14.5790, -5.6110

Conversions

Conversions Part 2

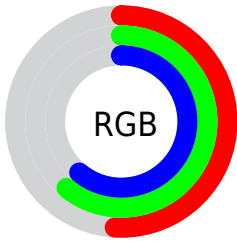
Format	Color
RYB	131, 144, 156
Decimal	8625307
CIELab	62.48, -8.93, -2.41
CIELCh	62, 9.250, 195.122
Yxy	30.9688, 0.2899, 0.3305
Android (android.graphics.Color)	4286815387 (0xFF839C9B)
YUV	148.4110, 3.2484, -15.2694
Hunter-Lab	55.6496, -10.2535, 1.0726

Details

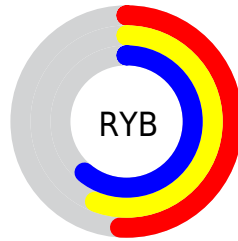
The XYZ color **27.1649, 30.9688, 35.5562** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.9925, 24.9672, 25.2802**, and the grayscale version is **28.3119, 29.7863, 32.4373**.

A 20% lighter version of the original color is **54.5701, 61.3823, 69.2934**, and **10.9436, 12.8520, 15.0006** is the 20% darker color. If you saturate the color by 10%, you get **24.8762, 29.7958, 35.1762**, and if you desaturate by 10%, it is **29.8195, 32.3320, 35.9560**.

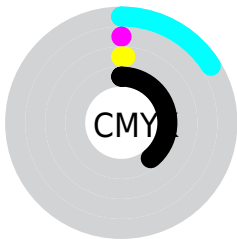
Distribution



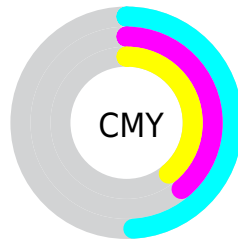
- Red (51%)
- Green (61%)
- Blue (61%)



- Red (51%)
- Yellow (56%)
- Blue (61%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (39%)



- Cyan (49%)
- Magenta (39%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1649, 30.9688, 35.5562 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 27.1649, 30.9688, 35.5562 by changing the saturation by 10% instead.

■ 27.1649, 30.9688,
35.5562

■ 27.1649, 30.9688,
35.5562

280.6077,
306.3946, 341.9952

■ 17.8343, 20.5751,
23.8047

■ 54.5664, 61.1909,
69.5078

■ 10.9301, 12.8138,
14.9779

■ 73.3680, 81.7882,
92.5450

■ 6.0868, 7.3004,
8.6574

■ 96.0574, 106.5554,
120.1811

■ 2.9391, 3.6507,
4.4247

122.9998,
135.8769, 152.8348

■ 1.1216, 1.4801,
1.8611

154.5607,
170.1372, 190.9245

■ 0.0431, 0.2747,
0.4678

191.1054,

■ 0.0000, 0.0000,

209.7207, 234.8687

0.0000

232.9993,
255.0116, 285.0861

■ 27.1649, 30.9688,
35.5562

■ 27.1649, 30.9688,
35.5562

■ 24.8762, 29.7958,
35.1762

■ 29.8195, 32.3320,
35.9560

■ 22.9345, 28.8008,
34.8133

■ 32.8525, 33.8895,
36.3743

■ 21.3232, 27.9762,
34.4672

■ 36.2791, 35.6498,
36.8124

■ 20.0235, 27.3121,
34.1372

■ 40.1130, 37.6201,
37.2710

■ 19.0144, 26.7978,
33.8221

■ 44.3670, 39.8069,
37.7507

■ 18.2725, 26.4213,
33.5210

■ 49.0535, 42.2166,
38.2521

■ 17.7709, 26.1685,
33.2325

■ 54.1843, 44.8554,
38.7757

■ 17.4715, 26.0200,
32.9548

■ 59.4746, 47.5763,
39.3082

■ 17.3739, 25.9720,
32.8459

■ 59.5295, 47.5983,
39.5971

Harmonies

Analogous

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



27.1624, 30.9688, 31.9752



27.1649, 30.9688, 35.5562



27.7638, 30.9688, 38.8613

Triad

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



27.1649, 30.9688, 35.5562



31.1793, 30.9688, 38.8383



30.0592, 30.9688, 27.4681

Complementary

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



27.1649, 30.9688, 35.5562



25.9925, 24.9672, 25.2802

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.



31.1717, 30.9688, 29.0530



27.1649, 30.9688, 35.5562



31.8308, 30.9688, 35.5266

Square

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



27.1649, 30.9688, 35.5562



30.0694, 30.9688, 40.8458



31.8280, 30.9688, 31.9477



28.8095, 30.9688, 27.4748

Rectangle

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



27.1649, 30.9688, 35.5562



28.4308, 30.9688, 40.3905



31.8280, 30.9688, 31.9477



30.4624, 30.9688, 27.8272

Sweetspot

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



27.1658, 30.9701, 35.5569



54.6398, 58.9687, 65.3722



25.5409, 30.3426, 25.9837



11.9487, 12.9375, 14.3741



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.



27.1658, 30.9701, 35.5569



47.8735, 55.4963, 64.3431



25.4489, 27.4010, 35.4017



6.8104, 7.5049, 8.4359



14.3132, 21.3932, 27.0702



0.2591, 0.3838, 0.5007

Inverse Universe

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



25.9925, 24.9672, 25.2802



45.3563, 42.6167, 42.2947



27.5184, 28.1281, 25.4520



6.6433, 6.6502, 6.9727



11.3245, 5.8344, 0.6937



0.2053, 0.1054, 0.0271

Previews

White Background



This preview shows how the XYZ color 27.1649, 30.9688, 35.5562 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 27.1649, 30.9688, 35.5562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

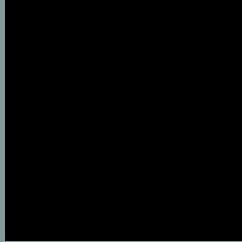
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.1649, 30.9688, 35.5562

Background



This preview shows how black text looks on a background with the XYZ color 27.1649, 30.9688, 35.5562.

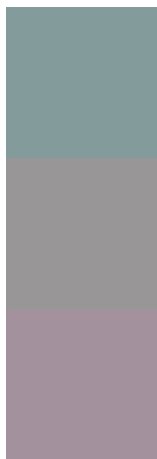


This preview shows how white text looks on a background with the XYZ color 27.1649, 30.9688,

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

27.1649, 30.9688, 35.5562

Protanopia

29.7107, 30.8520, 34.0949

Deuteranopia

31.4689, 30.7786, 36.1806



Tritanopia

28.2035, 30.8878, 41.0347

Trichromacy



Original Color

27.1649, 30.9688, 35.5562

Protanomaly

28.6551, 30.7761, 34.5671

Deuteranomaly

29.6696, 30.7923, 35.8322

Tritanomaly

27.8479, 30.9926, 39.1648

Monochromacy



Original Color

27.1649, 30.9688, 35.5562

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.8079, 30.1184, 33.6260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1649, 30.9688, 35.5562 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, 156, 155)` looks like.

```
.text, #text, p{  
    color:rgb(131, 156, 155)  
}
```

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, 156, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 156, 155) }
```

Border

The CSS property to change the border of an element to XYZ 27.1649, 30.9688, 35.5562 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, 156, 155) }
```


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

```
.border{ border-color:rgb(131, 156, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 156, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 156, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 156, 155);  
box-shadow:4px 4px 4px 4px rgb(131, 156,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1649, 30.9688, 35.5562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 156, 155) }
```

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

```
.background{ background-color: rgb(131,  
156, 155) }
```

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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