

Converting Colors

XYZ(29.5040, 33.5907, 27.0409)

Have a look what the booklet for
XYZ(29.5040, 33.5907, 27.0409)
contains.

XYZ(29.5562, 33.6672, 27.1309)	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(29.5562, 33.6672,
27.1309)**

Conversions

Conversions Part 1

Format	Color
Hex	96A185
RGB	150, 161, 133
RGB Percent	59%, 63%, 52%
CMY	0.4118, 0.3686, 0.4784
CMYK	0.07, 0.00, 0.17, 0.37
HSL	84°, 13%, 58%
HSV	84°, 17%, 63%
XYZ	29.5562, 33.6672, 27.1309
YIQ	154.5190, 2.4320, -11.0400

Conversions

Conversions Part 2

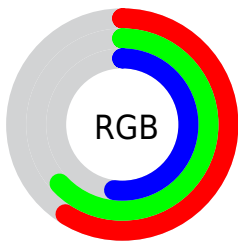
Format	Color
RYB	133, 161, 144
Decimal	9871749
CIELab	64.70, -9.09, 13.28
CIELCh	65, 16.093, 124.387
Yxy	33.6672, 0.3271, 0.3726
Android (android.graphics.Color)	4288061829 (0xFF96A185)
YUV	154.5190, -10.6089, -3.9632
Hunter-Lab	58.0234, -10.6160, 12.8933

Details

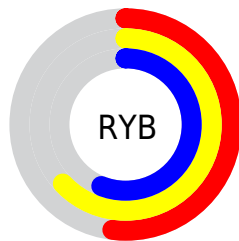
The XYZ color **29.5562, 33.6672, 27.1309** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.3234, 25.2784, 37.2118**, and the grayscale version is **30.9886, 32.6025, 35.5041**.

A 20% lighter version of the original color is **58.3206, 65.4943, 56.0222**, and **12.1756, 14.2145, 10.2856** is the 20% darker color. If you saturate the color by 10%, you get **27.3954, 32.6731, 21.6617**, and if you desaturate by 10%, it is **31.9522, 34.7648, 33.5026**.

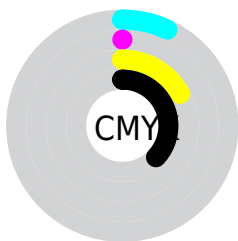
Distribution



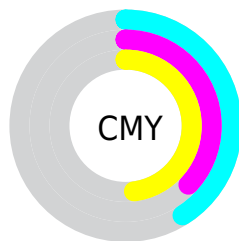
- Red (59%)
- Green (63%)
- Blue (52%)



- Red (52%)
- Yellow (63%)
- Blue (56%)



- Cyan (7%)
- Magenta (0%)
- Yellow (17%)
- Black (37%)



- Cyan (41%)
- Magenta (37%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5562, 33.6672, 27.1309 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 29.5562, 33.6672, 27.1309 by changing the saturation by 10% instead.

■ 29.5562, 33.6672,
27.1309

■ 29.5562, 33.6672,
27.1309

291.7774,
318.6455, 302.0706

■ 19.6484, 22.6381,
17.4383

■ 58.3511, 65.4158,
56.1001

■ 12.2465, 14.3265,
10.3822

■ 77.9688, 86.9040,
76.2138

■ 6.9852, 8.3481,
5.5442

■ 101.5540,
112.6474, 100.6382

■ 3.4991, 4.3185,
2.5057

129.4718,
143.0304, 129.7919

■ 1.4228, 1.8533,
0.8432

162.0877,
178.4373, 164.0935

■ 0.2724, 0.5200,
0.0000

199.7670,

■ 0.0000, 0.0000,

219.2525, 203.9614

0.0000

242.8751,
265.8605, 249.8143

■ 29.5562, 33.6672,
27.1309

■ 29.5562, 33.6672,
27.1309

■ 27.3954, 32.6731,
21.6617

■ 31.9522, 34.7648,
33.5026

■ 25.4585, 31.7746,
17.0520

■ 34.5888, 35.9650,
40.8127

■ 23.7368, 30.9692,
13.2586

■ 37.4749, 37.2724,
49.0981

■ 22.2204, 30.2529,
10.2336

■ 40.6177, 38.6902,
58.3928

■ 20.8982, 29.6210,
7.9241

■ 44.0244, 40.2211,
68.7292

■ 19.7577, 29.0685,
6.2706

■ 47.7016, 41.8680,
80.1385

■ 18.7848, 28.5895,
5.2041

■ 51.6559, 43.6337,
92.6503

■ 17.9570, 28.1750,
4.6124

■ 54.7784, 45.0747,
100.4209

■ 17.7547, 28.0734,
4.4829

■ 56.5100, 45.9674,
100.5019

Harmonies

Analogous

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



31.6611, 33.6672, 25.3816



29.5562, 33.6672, 27.1309



28.1594, 33.6672, 31.4295

Triad

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



29.5562, 33.6672, 27.1309



30.1178, 33.6672, 49.3658



36.6355, 33.6672, 35.6934

Complementary

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



29.5562, 33.6672, 27.1309



26.3234, 25.2784, 37.2118

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.



36.1741, 33.6672, 42.4361



29.5562, 33.6672, 27.1309



32.3406, 33.6672, 50.8594

Square

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



29.5562, 33.6672, 27.1309



28.4726, 33.6672, 44.3213



34.5742, 33.6672, 48.1887



35.8066, 33.6672, 29.9330

Rectangle

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



29.5562, 33.6672, 27.1309



27.7799, 33.6672, 35.4278



34.5742, 33.6672, 48.1887



36.6264, 33.6672, 37.9161

Sweetspot

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



29.5571, 33.6687, 27.1316



58.2673, 62.7351, 62.8550



28.8657, 29.1374, 26.2935



12.7127, 13.7286, 13.6038



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.



29.5571, 33.6687, 27.1316



51.3331, 59.5599, 44.4782



27.1762, 32.4413, 27.0202



7.3787, 8.0977, 7.5542



14.2261, 22.4443, 3.5824



0.3497, 0.4978, 0.0777

Inverse Universe

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



26.3234, 25.2784, 37.2118



44.4064, 41.5860, 66.0730



28.8699, 26.5912, 37.3310



6.9515, 6.9893, 8.8858



6.8316, 2.9283, 27.1349



0.1958, 0.0884, 0.5726

Previews

White Background



This preview shows how the XYZ color 29.5562, 33.6672, 27.1309 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 29.5562, 33.6672, 27.1309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

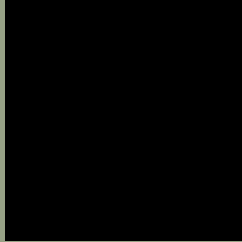
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.5562, 33.6672, 27.1309

Background



This preview shows how black text looks on a background with the XYZ color 29.5562, 33.6672, 27.1309.



This preview shows how white text looks on a background with the XYZ color 29.5562, 33.6672,

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

29.5562, 33.6672, 27.1309

Protanopia

31.5023, 33.4150, 26.2621

Deuteranopia

34.2622, 33.5858, 27.5986



Tritanopia

32.4739, 33.5726, 41.8144

Trichromacy



Original Color

29.5562, 33.6672, 27.1309

Protanomaly

30.8889, 33.5932, 26.6859

Deuteranomaly

32.3866, 33.5989, 27.3325

Tritanomaly

31.2801, 33.5926, 35.8457

Monochromacy



Original Color

29.5562, 33.6672, 27.1309

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.4603, 32.9928, 32.3666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5562, 33.6672, 27.1309 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(150, 161, 133)` looks like.

```
.text, #text, p{  
    color:rgb(150, 161, 133)  
}
```

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(150, 161, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 161, 133) }
```

Border

The CSS property to change the border of an element to XYZ 29.5562, 33.6672, 27.1309 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(150, 161, 133) }
```


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

```
.border{ border-color:rgb(150, 161, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 161, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 161, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 161, 133);  
box-shadow:4px 4px 4px 4px rgb(150, 161,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5562, 33.6672, 27.1309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 161, 133) }
```

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

```
.background{ background-color: rgb(150,  
161, 133) }
```

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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