

Converting Colors

XYZ(31.4838, 35.7283, 26.8884)

Have a look what the booklet for
XYZ(31.4838, 35.7283, 26.8884)
contains.

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Color

**XYZ(31.5246, 35.7443,
27.0676)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA584
RGB	157, 165, 132
RGB Percent	62%, 65%, 52%
CMY	0.3843, 0.3529, 0.4823
CMYK	0.05, 0.00, 0.20, 0.35
HSL	75°, 15%, 58%
HSV	75°, 20%, 65%
XYZ	31.5246, 35.7443, 27.0676
YIQ	158.8460, 5.8250, -11.9590

Conversions

Conversions Part 2

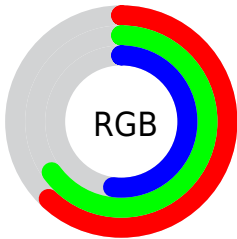
Format	Color
R_{YB}	132, 165, 140
Decimal	10331524
CIE _{Lab}	66.32, -8.74, 16.18
CIE _{LCh}	66, 18.392, 118.375
Yxy	35.7443, 0.3342, 0.3789
Android (android.graphics.Color)	4288521604 (0xFF9DA584)
YUV	158.8460, -13.2351, -1.6189
Hunter-Lab	59.7865, -10.5059, 15.0078

Details

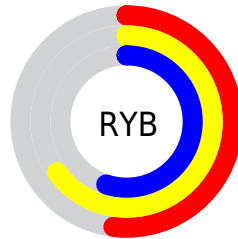
The XYZ color **31.5246, 35.7443, 27.0676** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.8594, 24.7956, 39.0223**, and the grayscale version is **32.9417, 34.6573, 37.7418**.

A 20% lighter version of the original color is **61.5015, 68.6862, 55.9152**, and **13.2538, 15.4227, 10.2610** is the 20% darker color. If you saturate the color by 10%, you get **29.7160, 34.9333, 21.5478**, and if you desaturate by 10%, it is **33.5393, 36.6431, 33.5308**.

Distribution



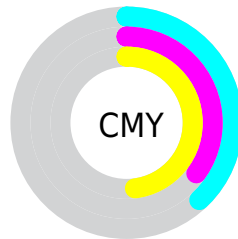
- Red (62%)
- Green (65%)
- Blue (52%)



- Red (52%)
- Yellow (65%)
- Blue (55%)



- Cyan (5%)
- Magenta (0%)
- Yellow (20%)
- Black (35%)





- Cyan (38%)
- Magenta (35%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.5246, 35.7443, 27.0676 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 31.5246, 35.7443, 27.0676 by changing the saturation by 10% instead.


 31.5246, 35.7443,
27.0676


 31.5246, 35.7443,
27.0676

300.7318,
327.8415, 301.7548


 21.1524, 24.2368,
17.3911

 61.4353, 68.6372,
55.9974

 13.3486, 15.5094,
10.3488

 81.7045, 90.7914,
76.0878

 7.7477, 9.1776,
5.5222


 106.0035,
117.2633, 100.4865

 3.9843, 4.8572,
2.4928

134.6976,
148.4372, 129.6122

 1.6933, 2.1637,
0.8363

168.1521,
184.6976, 163.8833

 0.4521, 0.7001,
0.0000

206.7324,

 0.0000, 0.0000,

226.4289, 203.7184

0.0000

250.8039,
274.0154, 249.5361

■ 31.5246, 35.7443,
27.0676

■ 31.5246, 35.7443,
27.0676

■ 29.7160, 34.9333,
21.5478

■ 33.5393, 36.6431,
33.5308

■ 28.1020, 34.2019,
16.9250

■ 35.7654, 37.6282,
40.9763

■ 26.6743, 33.5479,
13.1523

■ 38.2114, 38.7042,
49.4437

■ 25.4227, 32.9673,
10.1776

■ 40.8844, 39.8741,
58.9696

■ 24.3361, 32.4555,
7.9432

■ 43.7913, 41.1407,
69.5888

■ 23.4018, 32.0073,
6.3834

■ 46.9386, 42.5065,
81.3348

■ 22.6048, 31.6170,
5.4213

■ 50.3327, 43.9741,
94.2393

■ 21.9116, 31.2708,
4.8810

■ 52.4954, 44.9523,
100.5176

■ 53.5020, 45.4711,
100.5647

Harmonies

Analogous

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



34.1239, 35.7443, 25.6703



31.5246, 35.7443, 27.0676



29.6712, 35.7443, 31.5130

Triad

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



31.5246, 35.7443, 27.0676



31.2784, 35.7443, 53.2761



39.5329, 35.7443, 39.3501

Complementary

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



31.5246, 35.7443, 27.0676



25.8594, 24.7956, 39.0223

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.



38.6737, 35.7443, 47.4041



31.5246, 35.7443, 27.0676



33.8243, 35.7443, 56.0865

Square

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



31.5246, 35.7443, 27.0676



29.5345, 35.7443, 46.5616



36.5469, 35.7443, 53.8068



38.8372, 35.7443, 32.1629

Rectangle

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



31.5246, 35.7443, 27.0676



29.0577, 35.7443, 35.9497



36.5469, 35.7443, 53.8068



39.4155, 35.7443, 42.0485

Sweetspot

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



31.5255, 35.7459, 27.0684



61.5686, 66.2891, 65.0233



29.0175, 28.3350, 25.7701



13.4081, 14.4690, 14.0422



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



31.5255, 35.7459, 27.0684



54.9743, 63.3506, 43.8831



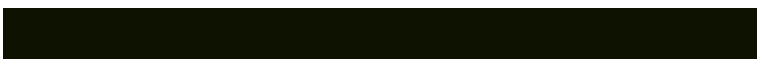
28.5717, 34.2231, 26.9301



7.4808, 8.1504, 7.5590



16.6219, 23.6794, 3.6945



0.3876, 0.5173, 0.0794

Inverse Universe

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



25.8594, 24.7956, 39.0223



42.9609, 40.1298, 69.2339



28.7931, 26.3079, 39.1596



6.8539, 6.9390, 8.8812



5.8395, 2.4169, 27.0885



0.1621, 0.0711, 0.5710

Previews

White Background



This preview shows how the XYZ color 31.5246, 35.7443, 27.0676 looks on a white background.

Color Contrast Check

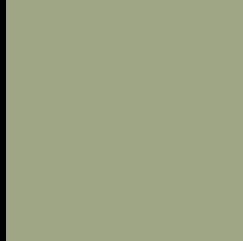
Large Text (above 18pt) WCAG AA × Fail

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 31.5246, 35.7443, 27.0676 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

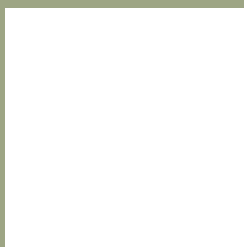
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.5246, 35.7443, 27.0676

Background



This preview shows how black text looks on a background with the XYZ color 31.5246, 35.7443, 27.0676.



This preview shows how white text looks on a background with the XYZ color 31.5246, 35.7443,

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

31.5246, 35.7443, 27.0676

Protanopia

33.5687, 35.7594, 26.2521

Deuteranopia

36.2741, 35.6030, 27.5145



Tritanopia

35.1215, 35.9067, 44.1093

Trichromacy



Original Color

31.5246, 35.7443, 27.0676

Protanomaly

32.7429, 35.5863, 26.6158

Deuteranomaly

34.3110, 35.6037, 27.2541

Tritanomaly

33.7041, 35.8520, 37.0420

Monochromacy



Original Color

31.5246, 35.7443, 27.0676

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.2702, 34.9288, 33.4749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5246, 35.7443, 27.0676 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(157, 165, 132)` looks like.

```
.text, #text, p{  
    color:rgb(157, 165, 132)  
}
```

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(157, 165, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 165, 132) }
```

Border

The CSS property to change the border of an element to XYZ 31.5246, 35.7443, 27.0676 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(157, 165, 132) }
```


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

```
.border{ border-color:rgb(157, 165, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 165, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 165, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 165, 132);  
box-shadow:4px 4px 4px 4px rgb(157, 165,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5246, 35.7443, 27.0676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 165, 132) }
```

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

```
.background{ background-color: rgb(157,  
165, 132) }
```

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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