

Converting Colors

XYZ(30.4307, 31.5133, 26.9687)

Have a look what the booklet for
XYZ(30.4307, 31.5133, 26.9687)
contains.

XYZ(30.4739, 31.6410, 27.0554)	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(30.4739, 31.6410,
27.0554)**

Conversions

Conversions Part 1

Format	Color
Hex	A39786
RGB	163, 151, 134
RGB Percent	64%, 59%, 53%
CMY	0.3608, 0.4078, 0.4745
CMYK	0.00, 0.07, 0.18, 0.36
HSL	35°, 14%, 58%
HSV	35°, 18%, 64%
XYZ	30.4739, 31.6410, 27.0554
YIQ	152.6500, 12.6090, -2.7430

Conversions

Conversions Part 2

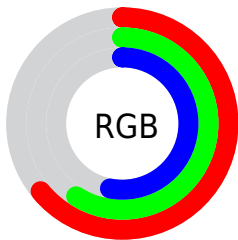
Format	Color
RYB	154, 163, 134
Decimal	10721158
CIELab	63.05, 1.50, 10.55
CIElCh	63, 10.655, 81.884
Yxy	31.6410, 0.3417, 0.3548
Android (android.graphics.Color)	4288911238 (0xFFA39786)
YUV	152.6500, -9.1945, 9.0769
Hunter-Lab	56.2503, -1.7348, 10.8578

Details

The XYZ color **30.4739, 31.6410, 27.0554** is a light color, and the websafe version is hex **999999**. A complement of this color would be **26.7210, 28.2696, 38.6987**, and the grayscale version is **30.1617, 31.7325, 34.5567**.

A 20% lighter version of the original color is **59.7144, 62.1559, 55.8637**, and **12.7129, 13.1339, 10.2526** is the 20% darker color. If you saturate the color by 10%, you get **28.3695, 29.1133, 21.1708**, and if you desaturate by 10%, it is **32.8174, 34.3658, 33.8851**.

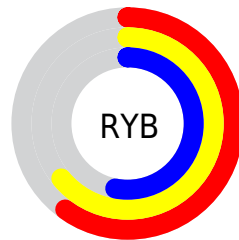
Distribution



Red (64%)

Green (59%)

Blue (53%)



Red (60%)

Yellow (64%)

Blue (53%)

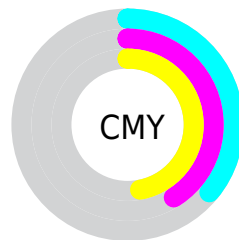


Cyan (0%)

Magenta (7%)

Yellow (18%)

Black (36%)



Cyan (36%)

Magenta (41%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4739, 31.6410, 27.0554 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 30.4739, 31.6410, 27.0554 by changing the saturation by 10% instead.

■ 30.4739, 31.6410,
27.0554

■ 30.4739, 31.6410,
27.0554

295.9775,
309.4806, 301.6939

■ 20.3484, 21.0874,
17.3820

■ 59.7923, 62.2479,
55.9776

■ 12.7583, 13.1879,
10.3424

■ 79.7160, 83.0700,
76.0635

■ 7.3382, 7.5581,
5.5180

■ 103.6364,
108.0837, 100.4573

■ 3.7227, 3.8135,
2.4903

131.9190,
137.6734, 129.5775

■ 1.5465, 1.5698,
0.8350

164.9290,
172.2236, 163.8428

■ 0.3571, 0.3371,
0.0000

203.0319,

■ 0.0000, 0.0000,

212.1186, 203.6716

0.0000

246.5929,
257.7428, 249.4824

■ 30.4739, 31.6410,
27.0554

■ 30.4739, 31.6410,
27.0554

■ 28.3695, 29.1133,
21.1708

■ 32.8174, 34.3658,
33.8851

■ 26.4926, 26.7732,
16.1866

■ 35.4058, 37.2884,
41.6975

■ 24.8343, 24.6165,
12.0580

■ 38.2481, 40.4151,
50.5308

■ 23.3841, 22.6374,
8.7349

■ 41.3520, 43.7504,
60.4206

■ 22.1307, 20.8294,
6.1624

■ 44.7246, 47.2987,
71.4005

■ 21.0610, 19.1856,
4.2784

■ 48.3730, 51.0643,
83.5029

■ 20.1604, 17.6981,
3.0107

■ 52.3039, 55.0514,
96.7586

■ 19.4045, 16.3554,
2.2376

■ 54.9728, 58.6435,
103.0297

■ 19.2483, 16.0745,
2.0882

■ 56.6201, 61.9382,
103.5788

Harmonies

Analogous

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



31.8492, 31.6410, 28.4774



30.4739, 31.6410, 27.0554



29.0344, 31.6410, 27.4844

Triad

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



30.4739, 31.6410, 27.0554



27.5309, 31.6410, 37.5521



32.3487, 31.6410, 39.6839

Complementary

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



30.4739, 31.6410, 27.0554



26.7210, 28.2696, 38.6987

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.



31.1378, 31.6410, 42.5069



30.4739, 31.6410, 27.0554



28.3657, 31.6410, 41.2081

Square

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



30.4739, 31.6410, 27.0554



27.3662, 31.6410, 33.3235



29.6773, 31.6410, 43.0862



32.9544, 31.6410, 35.6051

Rectangle

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



30.4739, 31.6410, 27.0554



28.2292, 31.6410, 28.7792



29.6773, 31.6410, 43.0862



31.9971, 31.6410, 40.8244

Sweetspot

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



30.4747, 31.6424, 27.0561



59.9800, 62.9231, 64.2841



28.8244, 26.9150, 30.9043



13.4034, 14.0550, 14.2348



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.



30.4747, 31.6424, 27.0561



53.1729, 54.9994, 44.4714



32.0145, 35.4496, 27.7098



7.4026, 7.7436, 7.4846



15.0050, 12.5839, 1.6381



0.3603, 0.3544, 0.0494

Inverse Universe

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



26.7210, 28.2696, 38.6987



45.2915, 47.9186, 68.9182



25.3574, 24.9641, 38.1325



6.9299, 7.3188, 8.9505



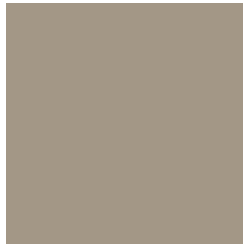
6.7603, 5.3001, 27.5965



0.1881, 0.2035, 0.5952

Previews

White Background



This preview shows how the XYZ color 30.4739, 31.6410, 27.0554 looks on a white background.

Color Contrast Check

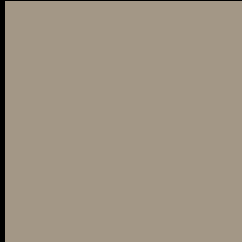
Large Text (above 18pt) WCAG AA × Fail

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 30.4739, 31.6410, 27.0554 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

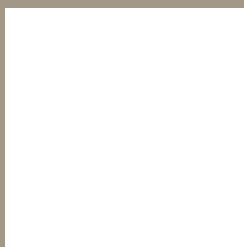
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4739, 31.6410, 27.0554

Background



This preview shows how black text looks on a background with the XYZ color 30.4739, 31.6410, 27.0554.



This preview shows how white text looks on a background with the XYZ color 30.4739, 31.6410,

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

30.4739, 31.6410, 27.0554

Protanopia

29.8995, 31.5767, 27.4407

Deuteranopia

32.2625, 31.6154, 27.3236



Tritanopia

32.4176, 31.4776, 37.1681

Trichromacy



Original Color

30.4739, 31.6410, 27.0554

Protanomaly

30.0986, 31.6793, 27.4500

Deuteranomaly

31.5406, 31.4751, 27.3346

Tritanomaly

31.6120, 31.3812, 33.2452

Monochromacy



Original Color

30.4739, 31.6410, 27.0554

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.3212, 31.6999, 31.7147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4739, 31.6410, 27.0554 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(163, 151, 134)` looks like.

```
.text, #text, p{  
    color:rgb(163, 151, 134)  
}
```

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(163, 151, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 151, 134) }
```

Border

The CSS property to change the border of an element to XYZ 30.4739, 31.6410, 27.0554 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(163, 151, 134) }
```


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

```
.border{ border-color:rgb(163, 151, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 151, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 151, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 151, 134); box-shadow:4px 4px 4px 4px rgb(163, 151, 134) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4739, 31.6410, 27.0554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 151, 134) }
```

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

```
.background{ background-color: rgb(163,  
151, 134) }
```

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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