

Converting Colors

XYZ(30.7333, 31.3527, 28.6291)

Have a look what the booklet for
XYZ(30.7333, 31.3527, 28.6291)
contains.

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Color

**XYZ(30.6447, 31.2224,
28.4561)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A4958A |
| RGB | 164, 149, 138 |
| RGB Percent | 64%, 58%, 54% |
| CMY | 0.3569, 0.4157, 0.4588 |
| CMYK | 0.00, 0.09, 0.16, 0.36 |
| HSL | 25°, 12%, 59% |
| HSV | 25°, 16%, 64% |
| XYZ | 30.6447, 31.2224, 28.4561 |
| YIQ | 152.2310, 12.4710, -0.2410 |

Conversions

Conversions Part 2

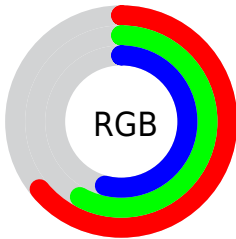
| Format | Color |
|-------------------------------------|--|
| RYB | 164, 157, 138 |
| Decimal | 10786186 |
| CIELab | 62.69, 3.65, 7.81 |
| CIELCh | 63, 8.622, 64.944 |
| Yxy | 31.2224, 0.3393, 0.3457 |
| Android (android.graphics.Color) | 4288976266 (0xFFA4958A) |
| YUV | 152.2310, -7.0159, 10.3214 |
| Hunter-Lab | 55.8770, 0.1102, 8.9197 |

Details

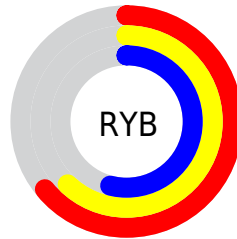
The XYZ color **30.6447, 31.2224, 28.4561** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.5730, 30.8652, 39.5737**, and the grayscale version is **29.9711, 31.5319, 34.3382**.

A 20% lighter version of the original color is **59.9733, 61.5335, 58.0064**, and **12.8112, 12.8847, 11.0443** is the 20% darker color. If you saturate the color by 10%, you get **28.1098, 27.9112, 22.1889**, and if you desaturate by 10%, it is **33.4822, 34.8512, 35.7095**.

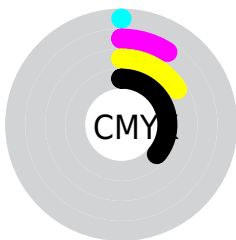
Distribution



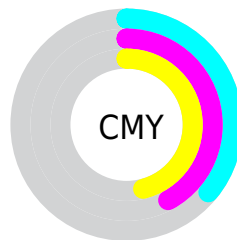
- Red (64%)
- Green (58%)
- Blue (54%)



- Red (64%)
- Yellow (62%)
- Blue (54%)



- Cyan (0%)
- Magenta (9%)
- Yellow (16%)
- Black (36%)



- Cyan (36%)
- Magenta (42%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6447, 31.2224, 28.4561 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 30.6447, 31.2224, 28.4561 by changing the saturation by 10% instead.

■ 30.6447, 31.2224,
28.4561

■ 30.6447, 31.2224,
28.4561

296.7543,
307.5616, 308.6202

■ 20.4789, 20.7683,
18.4277

■ 60.0599, 61.5900,
58.2436

■ 12.8539, 12.9547,
11.0849

■ 80.0401, 82.2723,
78.8399

■ 7.4044, 7.3974,
6.0091

■ 104.0224,
107.1328, 103.7959

■ 3.7648, 3.7118,
2.7817

132.3723,
136.5559, 133.5301

■ 1.5700, 1.5137,
0.9843

165.4551,
170.9259, 168.4611

■ 0.3727, 0.2983,
0.0000

203.6361,

■ 0.0000, 0.0000,

210.6272, 209.0074

0.0000

247.2807,
256.0443, 255.5876

■ 30.6447, 31.2224,
28.4561

■ 30.6447, 31.2224,
28.4561

■ 28.1098, 27.9112,
22.1889

■ 33.4822, 34.8512,
35.7095

■ 25.8641, 24.9046,
16.8627

■ 36.6301, 38.8021,
43.9877

■ 23.8968, 22.1945,
12.4319

■ 40.0989, 43.0846,
53.3294

■ 22.1954, 19.7710,
8.8461

■ 43.8980, 47.7066,
63.7709

■ 20.7464, 17.6234,
6.0497

■ 48.0362, 52.6757,
75.3466

■ 19.5348, 15.7404,
3.9807

■ 52.5223, 57.9994,
88.0897

■ 18.5437, 14.1095,
2.5672

■ 57.3643, 63.6846,
102.0316

■ 17.7514, 12.7159,
1.7141

■ 60.1984, 68.7896,
104.7127

■ 17.4631, 12.1990,
1.4342

■ 62.8222, 74.0371,
105.5872

Harmonies

Analogous

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



31.5699, 31.2224, 30.4171



30.6447, 31.2224, 28.4561



29.4813, 31.2224, 27.9390

Triad

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



30.6447, 31.2224, 28.4561



27.4779, 31.2224, 34.5576



30.9912, 31.2224, 39.5901

Complementary

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



30.6447, 31.2224, 28.4561



28.5730, 30.8652, 39.5737

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.



29.8714, 31.2224, 40.8704



30.6447, 31.2224, 28.4561



27.8593, 31.2224, 37.8450

Square

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



30.6447, 31.2224, 28.4561



27.6727, 31.2224, 31.3243



28.7278, 31.2224, 40.2117



31.7736, 31.2224, 36.8152

Rectangle

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



30.6447, 31.2224, 28.4561



28.7317, 31.2224, 28.4514



28.7278, 31.2224, 40.2117



30.6406, 31.2224, 40.2176

Sweetspot

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



30.6455, 31.2238, 28.4568



61.1893, 63.7842, 65.8931



30.1621, 28.3753, 34.0967



13.2979, 13.8442, 14.1997



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.



30.6455, 31.2238, 28.4568



53.9525, 54.5050, 47.4672



32.7885, 35.5097, 29.1711



7.3087, 7.5557, 7.4533



13.4351, 9.4442, 1.1148



0.3287, 0.2911, 0.0389

Inverse Universe

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



28.5730, 30.8652, 39.5737



49.4688, 53.7285, 71.5157



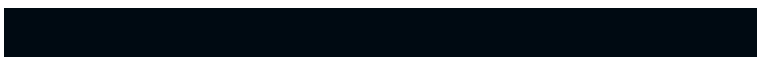
26.5849, 26.8889, 38.9110



7.0237, 7.5065, 8.9818



8.2955, 8.3704, 28.1082



0.2197, 0.2667, 0.6057

Previews

White Background



This preview shows how the XYZ color 30.6447, 31.2224, 28.4561 looks on a white background.

Color Contrast Check

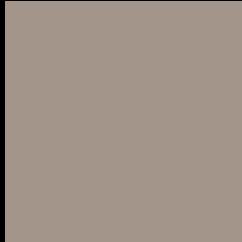
Large Text (above 18pt) WCAG AA × Fail

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 30.6447, 31.2224, 28.4561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

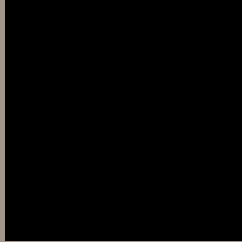
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.6447, 31.2224, 28.4561

Background



This preview shows how black text looks on a background with the XYZ color 30.6447, 31.2224, 28.4561.



This preview shows how white text looks on a background with the XYZ color 30.6447, 31.2224,

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

30.6447, 31.2224, 28.4561

Protanopia

29.6314, 31.1654, 28.8799

Deuteranopia

31.7337, 31.0798, 28.7525



Tritanopia

32.3868, 31.2419, 36.6711

Trichromacy



Original Color

30.6447, 31.2224, 28.4561

Protanomaly

30.0638, 31.1504, 28.8542

Deuteranomaly

31.2424, 31.0563, 28.7739

Tritanomaly

31.7455, 31.2088, 33.6289

Monochromacy



Original Color

30.6447, 31.2224, 28.4561

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.0434, 31.3077, 32.0633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6447, 31.2224, 28.4561 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(164, 149, 138)` looks like.

```
.text, #text, p{  
    color:rgb(164, 149, 138)  
}
```

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(164, 149, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 149, 138) }
```

Border

The CSS property to change the border of an element to XYZ 30.6447, 31.2224, 28.4561 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(164, 149, 138) }
```


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

```
.border{ border-color:rgb(164, 149, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 149, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 149, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 149, 138);  
box-shadow:4px 4px 4px 4px rgb(164, 149,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6447, 31.2224, 28.4561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 149, 138) }
```

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

```
.background{ background-color: rgb(164,  
149, 138) }
```

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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