

Converting Colors

XYZ(31.7262, 30.3224, 42.2109)

Have a look what the booklet for
XYZ(31.7262, 30.3224, 42.2109)
contains.

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Color

**XYZ(31.7262, 30.3224,
42.2109)**

Conversions

Conversions Part 1

Format	Color
Hex	A090AA
RGB	160, 144, 170
RGB Percent	63%, 56%, 67%
CMY	0.3725, 0.4353, 0.3333
CMYK	0.06, 0.15, 0.00, 0.33
HSL	277°, 13%, 62%
HSV	277°, 15%, 67%
XYZ	31.7262, 30.3224, 42.2109
YIQ	151.7480, 1.1900, 11.4780

Conversions

Conversions Part 2

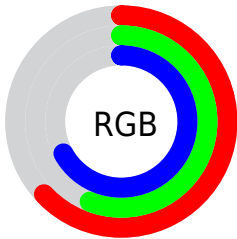
Format	Color
RYB	160, 144, 170
Decimal	10522794
CIELab	61.93, 10.93, -11.47
CIELCh	62, 15.841, 313.625
Yxy	30.3224, 0.3043, 0.2908
Android (android.graphics.Color)	4288712874 (0xFFA090AA)
YUV	151.7480, 8.9982, 7.2370
Hunter-Lab	55.0658, 6.4778, -6.9029

Details

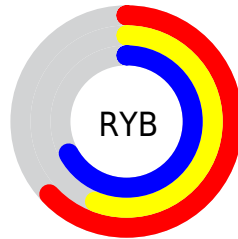
The XYZ color **31.7262, 30.3224, 42.2109** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **32.7363, 37.6339, 31.9257**, and the grayscale version is **29.6993, 31.2460, 34.0269**.

A 20% lighter version of the original color is **61.8090, 60.2715, 79.6100**, and **13.4571, 12.5016, 18.8433** is the 20% darker color. If you saturate the color by 10%, you get **28.0700, 24.8994, 41.3573**, and if you desaturate by 10%, it is **35.8407, 36.5589, 43.1983**.

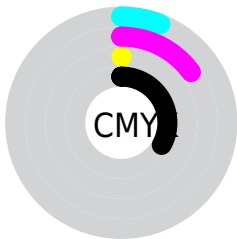
Distribution



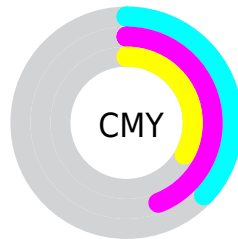
- Red (63%)
- Green (56%)
- Blue (67%)



- Red (63%)
- Yellow (56%)
- Blue (67%)



- Cyan (6%)
- Magenta (15%)
- Yellow (0%)
- Black (33%)



- Cyan (37%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.7262, 30.3224, 42.2109 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 31.7262, 30.3224, 42.2109 by changing the saturation by 10% instead.

■ 31.7262, 30.3224,
42.2109

■ 31.7262, 30.3224,
42.2109

301.6376,
303.4044, 371.1819

■ 21.3070, 20.0834,
28.9397

■ 61.7497, 60.1717,
79.7922

■ 13.4623, 12.4557,
18.7900

■ 82.0847, 80.5507,
104.9394

■ 7.8269, 7.0548,
11.3434

106.4557,
105.0786, 134.8824

■ 4.0352, 3.4964,
6.1812

135.2280,
134.1398, 170.0396

■ 1.7221, 1.3961,
2.8850

168.7670,
168.1185, 210.8296

■ 0.4700, 0.2138,
1.0362

207.4380,

■ 0.0000, 0.0000,

207.3993, 257.6709

0.0000

251.6064,
252.3664, 310.9822

■ 31.7262, 30.3224,
42.2109

■ 31.7262, 30.3224,
42.2109

■ 28.0700, 24.8994,
41.3573

■ 35.8407, 36.5589,
43.1983

■ 24.8511, 20.2509,
40.6297

■ 40.4281, 43.6379,
44.3229

■ 22.0506, 16.3406,
40.0226

■ 45.5054, 51.5918,
45.5905

■ 19.6474, 13.1273,
39.5290

■ 51.0882, 60.4501,
47.0061

■ 17.6181, 10.5662,
39.1416

■ 57.1911, 70.2408,
48.5742

15.9366, 8.6067,
38.8520

63.8284, 80.9907,
50.2994

14.5728, 7.1905,
38.6505

68.4066, 87.5117,
51.3168

13.4894, 6.2448,
38.5251

70.2573, 88.4658,
51.4034

13.0361, 5.8822,
38.4790

72.1845, 89.4593,
51.4936

Harmonies

Analogous

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



29.7917, 30.3224, 45.7148



31.7262, 30.3224, 42.2109



32.9122, 30.3224, 36.4188

Triad

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



31.7262, 30.3224, 42.2109



29.9854, 30.3224, 23.0317



25.0367, 30.3224, 35.8438

Complementary

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



31.7262, 30.3224, 42.2109



32.7363, 37.6339, 31.9257

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.



25.0828, 30.3224, 29.8319



31.7262, 30.3224, 42.2109



27.8707, 30.3224, 22.9178

Square

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



31.7262, 30.3224, 42.2109



31.8740, 30.3224, 25.5969



26.0979, 30.3224, 25.2638



25.9686, 30.3224, 41.7457

Rectangle

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



31.7262, 30.3224, 42.2109



33.0843, 30.3224, 32.2832



26.0979, 30.3224, 25.2638



24.9398, 30.3224, 33.7597

Sweetspot

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



31.7271, 30.3237, 42.2116



65.1878, 66.5753, 78.4164



30.3802, 32.0763, 42.6208



14.4172, 14.6631, 17.4581



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



31.7271, 30.3237, 42.2116



55.4656, 51.8799, 76.0923



33.5638, 31.2987, 41.0263



7.5582, 7.5204, 9.4716



9.6530, 4.3597, 28.3082



0.2893, 0.1342, 0.6913

Inverse Universe

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



32.3846, 30.8270, 34.8166



56.8990, 52.9717, 60.2154



31.1125, 36.7736, 32.8991



7.6461, 7.5883, 8.4534



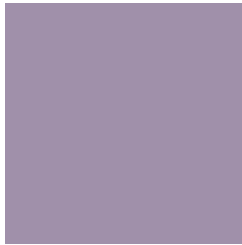
12.9304, 6.5809, 4.4450



0.3397, 0.1701, 0.2403

Previews

White Background



This preview shows how the XYZ color 31.7262, 30.3224, 42.2109 looks on a white background.

Color Contrast Check

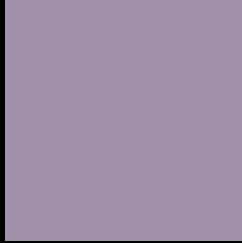
Large Text (above 18pt) WCAG AA × Fail

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 31.7262, 30.3224, 42.2109 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 31.7262, 30.3224, 42.2109

Background



This preview shows how black text looks on a background with the XYZ color 31.7262, 30.3224, 42.2109.



This preview shows how white text looks on a background with the XYZ color 31.7262, 30.3224,

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

31.7262, 30.3224, 42.2109

Protanopia

29.8098, 30.2167, 43.7964

Deuteranopia

31.0522, 30.4286, 42.2669



Tritanopia

30.5510, 30.2955, 36.5852

Trichromacy



Original Color

31.7262, 30.3224, 42.2109

Protanomaly

30.4578, 30.3300, 43.2787

Deuteranomaly

31.2857, 30.3212, 42.2338

Tritanomaly

30.9451, 30.2304, 38.3865

Monochromacy



Original Color

31.7262, 30.3224, 42.2109

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.5230, 30.9667, 37.1693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7262, 30.3224, 42.2109 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(160, 144, 170)` looks like.

```
.text, #text, p{  
    color:rgb(160, 144, 170)  
}
```

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(160, 144, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 144, 170) }
```

Border

The CSS property to change the border of an element to XYZ 31.7262, 30.3224, 42.2109 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(160, 144, 170) }
```


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

```
.border{ border-color:rgb(160, 144, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 144, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 144, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 144, 170);  
box-shadow:4px 4px 4px 4px rgb(160, 144,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7262, 30.3224, 42.2109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 144, 170) }
```

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

```
.background{ background-color: rgb(160,  
144, 170) }
```

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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