

Converting Colors

XYZ(31.6331, 29.1713, 22.0701)

Have a look what the booklet for
XYZ(31.6331, 29.1713, 22.0701)
contains.

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Color

**XYZ(31.6883, 29.2169,
22.0584)**

Conversions

Conversions Part 1

Format	Color
Hex	B68979
RGB	182, 137, 121
RGB Percent	71%, 54%, 47%
CMY	0.2863, 0.4627, 0.5255
CMYK	0.00, 0.25, 0.34, 0.29
HSL	16°, 29%, 59%
HSV	16°, 34%, 71%
XYZ	31.6883, 29.2169, 22.0584
YIQ	148.6310, 31.9560, 4.5640

Conversions

Conversions Part 2

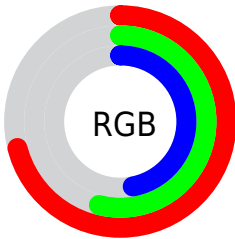
Format	Color
RYB	182, 143, 121
Decimal	11962745
CIELab	60.97, 14.92, 15.25
CIELCh	61, 21.336, 45.616
Yxy	29.2169, 0.3820, 0.3522
Android (android.graphics.Color)	4290152825 (0xFFB68979)
YUV	148.6310, -13.6221, 29.2646
Hunter-Lab	54.0527, 10.0532, 13.6412

Details

The XYZ color **31.6883, 29.2169, 22.0584** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.9644, 34.7137, 49.3773**, and the grayscale version is **28.4587, 29.9408, 32.6055**.

A 20% lighter version of the original color is **61.7702, 58.6295, 47.5961**, and **13.4800, 11.8735, 7.7122** is the 20% darker color. If you saturate the color by 10%, you get **28.8848, 25.2306, 16.1272**, and if you desaturate by 10%, it is **34.9415, 33.7652, 29.1789**.

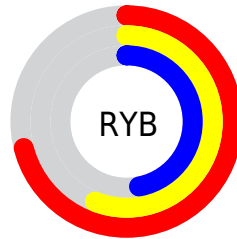
Distribution



Red (71%)

Green (54%)

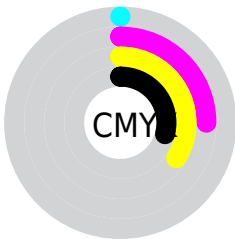
Blue (47%)



Red (71%)

Yellow (56%)

Blue (47%)

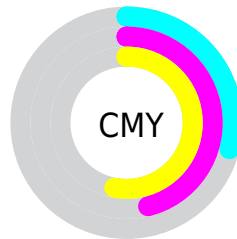


Cyan (0%)

Magenta (25%)

Yellow (34%)

Black (29%)



Cyan (29%)


Magenta (46%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.6883, 29.2169, 22.0584 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 31.6883, 29.2169, 22.0584 by changing the saturation by 10% instead.


 31.6883, 29.2169,
22.0584


 31.6883, 29.2169,
22.0584


301.4675,
298.2370, 275.8146

 21.2779, 19.2450,
13.7011


 61.6906, 58.4215,
47.7459

 13.4409, 11.8474,
7.7767


 82.0133, 78.4230,
65.9132

 7.8119, 6.6399,
3.8667

 106.3707,
102.5364, 88.1876

 4.0256, 3.2379,
1.5525

135.1283,
131.1462, 114.9876

 1.7167, 1.2572,
0.2566

168.6515,
164.6368, 146.7317

 0.4667, 0.1077,
0.0000

207.3055,

 0.0000, 0.0000,

203.3925, 183.8386

0.0000

251.4557,
247.7978, 226.7267

■ 31.6883, 29.2169,
22.0584

■ 31.6883, 29.2169,
22.0584

■ 28.8848, 25.2306,
16.1272

■ 34.9415, 33.7652,
29.1789

■ 26.5080, 21.7799,
11.3183

■ 38.6611, 38.8922,
37.5474

■ 24.5364, 18.8427,
7.5602

■ 42.8660, 44.6190,
47.2207

■ 22.9457, 16.3934,
4.7730

■ 47.5733, 50.9643,
58.2517

■ 21.7084, 14.4041,
2.8645

■ 52.7991, 57.9463,
70.6901

■ 20.7929, 12.8437,
1.7247

■ 58.5589, 65.5821,
84.5834

■ 20.3382, 12.0386,
1.2517

■ 64.8675, 73.8883,
99.9767

■ 69.8143, 82.1108,
106.7771

■ 73.1015, 88.6851,
107.8728

Harmonies

Analogous

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



33.2557, 29.2169, 27.8582



31.6883, 29.2169, 22.0584



29.1221, 29.2169, 19.1441

Triad

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



31.6883, 29.2169, 22.0584



22.8968, 29.2169, 28.1507



29.2371, 29.2169, 48.9956

Complementary

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



31.6883, 29.2169, 22.0584



29.9644, 34.7137, 49.3773

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.



26.4600, 29.2169, 49.1095



31.6883, 29.2169, 22.0584



22.9230, 29.2169, 36.1238

Square

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



31.6883, 29.2169, 22.0584



24.1142, 29.2169, 22.2416



24.1884, 29.2169, 44.0859



31.7773, 29.2169, 43.7967

Rectangle

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



31.6883, 29.2169, 22.0584



27.2488, 29.2169, 18.8552



24.1884, 29.2169, 44.0859



28.2974, 29.2169, 49.6557

Sweetspot

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



31.6891, 29.2183, 22.0590



72.5439, 73.8630, 73.6742



33.0810, 26.4009, 39.7907



15.7933, 16.0007, 15.7471



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



31.6891, 29.2183, 22.0590



53.7307, 47.6945, 32.0795



36.5158, 38.8717, 23.6679



9.1911, 9.3852, 9.4340



14.4097, 8.5959, 0.8997



0.5601, 0.4073, 0.0491

Inverse Universe

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



29.9644, 34.7137, 49.3773



50.1224, 59.1181, 89.0049



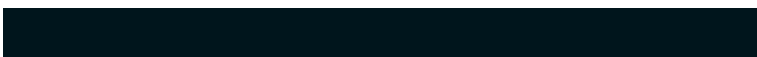
25.1684, 25.1215, 47.7786



9.0619, 9.8011, 11.4936



12.0639, 14.5874, 33.4329



0.4727, 0.6091, 1.1944

Previews

White Background



This preview shows how the XYZ color 31.6883, 29.2169, 22.0584 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 31.6883, 29.2169, 22.0584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

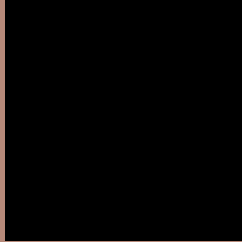
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.6883, 29.2169, 22.0584

Background



This preview shows how black text looks on a background with the XYZ color 31.6883, 29.2169, 22.0584.



This preview shows how white text looks on a background with the XYZ color 31.6883, 29.2169,

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

31.6883, 29.2169, 22.0584

Protanopia

27.7172, 29.3424, 23.9415

Deuteranopia

29.8578, 29.3600, 21.8627



Tritanopia

33.3263, 29.2542, 30.2757

Trichromacy



Original Color

31.6883, 29.2169, 22.0584

Protanomaly

28.9776, 29.0995, 23.1583

Deuteranomaly

30.4474, 29.2262, 21.8058

Tritanomaly

32.6363, 29.1728, 27.2033

Monochromacy



Original Color

31.6883, 29.2169, 22.0584

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.4835, 29.6919, 28.6033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.6883, 29.2169, 22.0584 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(182, 137, 121)` looks like.

```
.text, #text, p{  
    color:rgb(182, 137, 121)  
}
```

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(182, 137, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 137, 121) }
```

Border

The CSS property to change the border of an element to XYZ 31.6883, 29.2169, 22.0584 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(182, 137, 121) }
```


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

```
.border{ border-color:rgb(182, 137, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 137, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 137, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 137, 121);  
box-shadow:4px 4px 4px 4px rgb(182, 137,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 31.6883, 29.2169, 22.0584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 137, 121) }
```

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

```
.background{ background-color: rgb(182,  
137, 121) }
```

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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