

Converting Colors

XYZ(30.6924, 31.1722, 10.7025)

Have a look what the booklet for
XYZ(30.6924, 31.1722, 10.7025)
contains.

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Color

**XYZ(30.6924, 31.1722,
10.7025)**

Conversions

Conversions Part 1

Format	Color
Hex	B59349
RGB	181, 147, 73
RGB Percent	71%, 58%, 29%
CMY	0.2902, 0.4235, 0.7137
CMYK	0.00, 0.19, 0.60, 0.29
HSL	41°, 43%, 50%
HSV	41°, 60%, 71%
XYZ	30.6924, 31.1722, 10.7025
YIQ	148.7300, 44.0180, -15.8060

Conversions

Conversions Part 2

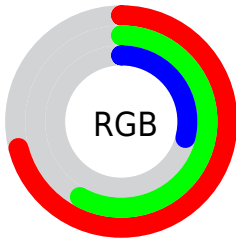
Format	Color
RYB	123, 181, 73
Decimal	11899721
CIELab	62.65, 4.01, 43.31
CIElCh	63, 43.493, 84.708
Yxy	31.1722, 0.4230, 0.4296
Android (android.graphics.Color)	4290089801 (0xFFB59349)
YUV	148.7300, -37.3349, 28.3008
Hunter-Lab	55.8321, 0.4202, 27.7171

Details

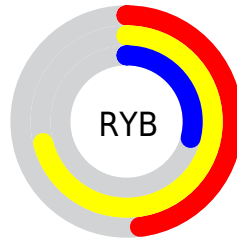
The XYZ color **30.6924, 31.1722, 10.7025** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **16.3457, 15.2676, 45.8014**, and the grayscale version is **28.5932, 30.0822, 32.7596**.

A 20% lighter version of the original color is **60.1213, 61.5792, 27.7860**, and **12.8868, 12.9712, 2.6351** is the 20% darker color. If you saturate the color by 10%, you get **29.3135, 29.2391, 7.7009**, and if you desaturate by 10%, it is **32.2913, 33.2659, 14.6397**.

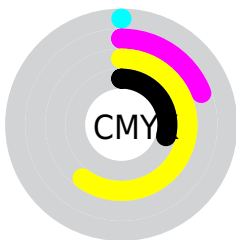
Distribution



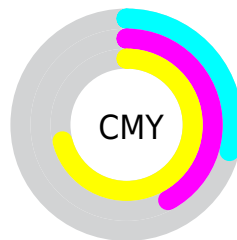
- Red (71%)
- Green (58%)
- Blue (29%)



- Red (48%)
- Yellow (71%)
- Blue (29%)



- Cyan (0%)
- Magenta (19%)
- Yellow (60%)
- Black (29%)



- Cyan (29%)
- Magenta (42%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6924, 31.1722, 10.7025 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 30.6924, 31.1722, 10.7025 by changing the saturation by 10% instead.

■ 30.6924, 31.1722,
10.7025

■ 30.6924, 31.1722,
10.7025

296.9709,
307.3309, 206.2786

■ 20.5154, 20.7300,
5.7555

■ 60.1346, 61.5111,
27.7369

■ 12.8807, 12.9268,
2.6306

■ 80.1305, 82.1766,
40.6614

■ 7.4229, 7.3782,
0.9082

■ 104.1301,
107.0186, 57.0822

■ 3.7766, 3.6997,
0.0000

■ 132.4988,
136.4216, 77.4177

■ 1.5765, 1.5070,
0.0000

■ 165.6018,
170.7699, 102.0866

■ 0.3770, 0.2937,
0.0000

203.8046,

■ 0.0000, 0.0000,

210.4480, 131.5073

0.0000

247.4726,
255.8401, 166.0985

■ 30.6924, 31.1722,
10.7025

■ 30.6924, 31.1722,
10.7025

■ 29.3135, 29.2391,
7.7009

■ 32.2913, 33.2659,
14.6397

■ 28.1362, 27.4547,
5.5504

■ 34.1224, 35.5225,
19.5832

■ 27.1420, 25.8117,
4.1545

■ 36.1993, 37.9496,
25.5991

■ 26.2939, 24.2943,
3.3207

■ 38.5342, 40.5530,
32.7474

■ 26.2668, 24.2454,
3.2954

■ 41.1379, 43.3379,
41.0835

■ 44.0209, 46.3095,
50.6591

■ 47.1929, 49.4726,
61.5230

■ 50.6632, 52.8317,
73.7212

■ 54.4407, 56.3913,
87.2975

Harmonies

Analogous

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



36.7166, 31.1722, 13.6547



30.6924, 31.1722, 10.7025



25.1128, 31.1722, 12.0782

Triad

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



30.6924, 31.1722, 10.7025



20.4296, 31.1722, 49.5037



39.9442, 31.1722, 56.5206

Complementary

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



30.6924, 31.1722, 10.7025



16.3457, 15.2676, 45.8014

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.



34.6548, 31.1722, 73.0922



30.6924, 31.1722, 10.7025



23.5165, 31.1722, 68.1836

Square

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



30.6924, 31.1722, 10.7025



19.6625, 31.1722, 31.0175



28.5890, 31.1722, 77.9498



42.4948, 31.1722, 37.0431

Rectangle

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



30.6924, 31.1722, 10.7025



22.3085, 31.1722, 15.6201



28.5890, 31.1722, 77.9498



38.3960, 31.1722, 62.8430

Sweetspot

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



30.6931, 31.1737, 10.7031



69.6225, 73.2919, 60.5628



24.1032, 15.6549, 15.7169



14.7737, 15.5417, 12.2308



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



30.6931, 31.1737, 10.7031



51.7147, 51.2069, 12.2644



32.4648, 41.1266, 12.5309



8.9669, 9.4464, 9.0033



18.1721, 16.8427, 2.2932



0.6212, 0.6288, 0.0886

Inverse Universe

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



16.3457, 15.2676, 45.8014



23.7433, 20.2823, 80.9581



15.2173, 10.4184, 44.9249



8.2530, 8.6522, 10.7414



6.8133, 4.4270, 30.6324



0.2680, 0.2466, 0.9817

Previews

White Background



This preview shows how the XYZ color 30.6924, 31.1722, 10.7025 looks on a white background.

Color Contrast Check

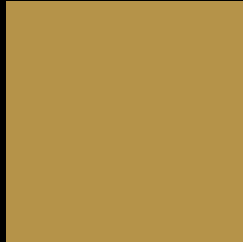
Large Text (above 18pt) WCAG AA × Fail

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 30.6924, 31.1722, 10.7025 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 30.6924, 31.1722, 10.7025

Background



This preview shows how black text looks on a background with the XYZ color 30.6924, 31.1722, 10.7025.



This preview shows how white text looks on a background with the XYZ color 30.6924, 31.1722,

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

30.6924, 31.1722, 10.7025

Protanopia

28.6467, 31.2893, 11.1862

Deuteranopia

31.7028, 31.0057, 10.7924



Tritanopia

35.1510, 31.2000, 32.6033

Trichromacy



Original Color

30.6924, 31.1722, 10.7025

Protanomaly

29.3760, 31.1913, 10.9508

Deuteranomaly

31.3690, 31.0595, 10.8203

Tritanomaly

33.1318, 31.0408, 22.3344

Monochromacy



Original Color

30.6924, 31.1722, 10.7025

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.7390, 30.1374, 22.3915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6924, 31.1722, 10.7025 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(181, 147, 73)` looks like.

```
.text, #text, p{  
    color:rgb(181, 147, 73)  
}
```

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(181, 147, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 147, 73) }
```

Border

The CSS property to change the border of an element to XYZ 30.6924, 31.1722, 10.7025 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(181, 147, 73) }
```


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

```
.border{ border-color:rgb(181, 147, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 147, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 147, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 147, 73);  
box-shadow:4px 4px 4px 4px rgb(181, 147,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6924, 31.1722, 10.7025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 147, 73) }
```

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

```
.background{ background-color: rgb(181,  
147, 73) }
```

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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