

Converting Colors

XYZ(10.0722, 9.8250, 4.2698)

Have a look what the booklet for
XYZ(10.0722, 9.8250, 4.2698)
contains.

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Color

**XYZ(10.0314, 9.8136,
4.2712)**

Conversions

Conversions Part 1

Format	Color
Hex	6D5431
RGB	109, 84, 49
RGB Percent	43%, 33%, 19%
CMY	0.5725, 0.6706, 0.8078
CMYK	0.00, 0.23, 0.55, 0.57
HSL	35°, 38%, 31%
HSV	35°, 55%, 43%
XYZ	10.0314, 9.8136, 4.2712
YIQ	87.4850, 26.1350, -5.5850

Conversions

Conversions Part 2

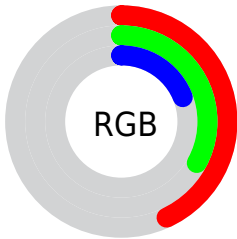
Format	Color
RYB	92, 109, 49
Decimal	7164977
CIELab	37.51, 5.66, 24.30
CIELCh	38, 24.946, 76.884
Yxy	9.8136, 0.4160, 0.4069
Android (android.graphics.Color)	4285355057 (0xFF6D5431)
YUV	87.4850, -18.9731, 18.8687
Hunter-Lab	31.3267, 2.3375, 13.8448

Details

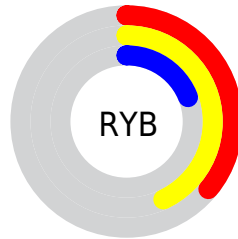
The XYZ color **10.0314, 9.8136, 4.2712** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.4756, 6.6544, 15.4112**, and the grayscale version is **9.1999, 9.6790, 10.5404**.

A 20% lighter version of the original color is **25.3991, 25.3010, 14.6112**, and **2.5456, 2.3874, 0.4128** is the 20% darker color. If you saturate the color by 10%, you get **9.4876, 9.0506, 3.0891**, and if you desaturate by 10%, it is **10.6542, 10.6455, 5.7545**.

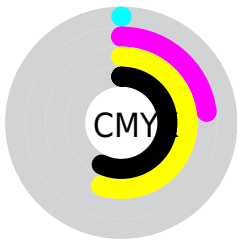
Distribution



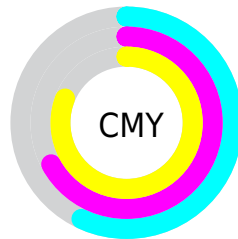
- Red (43%)
- Green (33%)
- Blue (19%)



- Red (36%)
- Yellow (43%)
- Blue (19%)



- Cyan (0%)
- Magenta (23%)
- Yellow (55%)
- Black (57%)



- Cyan (57%)
- Magenta (67%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.0314, 9.8136, 4.2712 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 10.0314, 9.8136, 4.2712 by changing the saturation by 10% instead.

■ 10.0314, 9.8136,
4.2712

■ 10.0314, 9.8136,
4.2712

184.9450,
189.3365, 151.1937

■ 5.4822, 5.2755,
1.7753

■ 25.5037, 25.4443,
14.6305

■ 2.5705, 2.4098,
0.4116

■ 37.1575, 37.3058,
23.3311

■ 0.9309, 0.8309,
0.0000

■ 51.9102, 52.3771,
34.9368

■ 0.0000, 0.0000,
0.0000

■ 70.1272, 71.0428,
49.8664

■ 92.1738, 93.6872,
68.5383

■ 118.4154,

120.6946, 91.3712

149.2173,
152.4496, 118.7834

■ 10.0314, 9.8136,
4.2712

■ 10.0314, 9.8136,
4.2712

■ 9.4876, 9.0506,
3.0891

■ 10.6542, 10.6455,
5.7545

■ 9.0175, 8.3526,
2.1861

■ 11.3595, 11.5473,
7.5579

■ 8.6164, 7.7174,
1.5376

■ 12.1511, 12.5215,
9.6995

■ 8.2750, 7.1406,
1.0972

■ 13.0327, 13.5702,
12.1959

■ 8.1169, 6.8717,
0.8986

■ 14.0075, 14.6954,
15.0624

■ 15.0786, 15.8988,
18.3135

■ 16.2490, 17.1824,
21.9631

■ 17.5215, 18.5476,
26.0240

■ 18.8987, 19.9963,
30.5089

Harmonies

Analogous

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



11.5530, 9.8136, 5.5245



10.0314, 9.8136, 4.2712



8.4758, 9.8136, 4.3517

Triad

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



10.0314, 9.8136, 4.2712



6.7206, 9.8136, 13.4058



11.7160, 9.8136, 17.7726

Complementary

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



10.0314, 9.8136, 4.2712



6.4756, 6.6544, 15.4112

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.



10.2345, 9.8136, 21.3117



10.0314, 9.8136, 4.2712



7.4079, 9.8136, 18.3443

Square

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



10.0314, 9.8136, 4.2712



6.6793, 9.8136, 8.8364



8.6574, 9.8136, 21.5463



12.5968, 9.8136, 12.7757

Rectangle

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



10.0314, 9.8136, 4.2712



7.6263, 9.8136, 5.1434



8.6574, 9.8136, 21.5463



11.2647, 9.8136, 19.2267

Sweetspot

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



10.0316, 9.8141, 4.2714



22.9389, 23.8315, 20.6942



8.6411, 5.9423, 7.1702



5.2858, 5.4839, 4.6665



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



10.0316, 9.8141, 4.2714



16.7416, 15.8468, 5.0328



11.7320, 14.1021, 5.0095



3.2326, 3.3825, 3.3000



9.4697, 7.9891, 1.0430



47.3804, 38.9644, 5.0237

Inverse Universe

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



6.4756, 6.6544, 15.4112



9.6627, 9.5686, 27.2449



5.3800, 4.0851, 14.9730



3.0424, 3.2131, 3.8947



4.3215, 3.4772, 17.3657



21.2013, 16.0811, 88.2127

Previews

White Background



This preview shows how the XYZ color 10.0314, 9.8136, 4.2712 looks on a white background.

Color Contrast Check

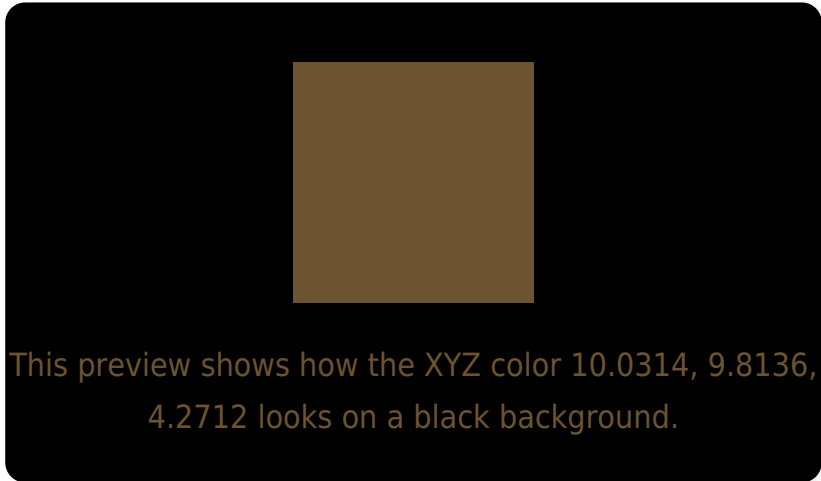
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

XYZ 10.0314, 9.8136, 4.2712

Background



This preview shows how black text looks on a background with the XYZ color 10.0314, 9.8136, 4.2712.



This preview shows how white text looks on a background with the XYZ color 10.0314, 9.8136,

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

10.0314, 9.8136, 4.2712

Protanopia

9.0997, 9.9252, 4.5681

Deuteranopia

9.9090, 9.7505, 4.2655



Tritanopia

11.2305, 9.8540, 10.1142

Trichromacy



Original Color

10.0314, 9.8136, 4.2712

Protanomaly

9.3507, 9.8134, 4.4189

Deuteranomaly

9.9090, 9.7505, 4.2655

Tritanomaly

10.7006, 9.7454, 7.6204

Monochromacy



Original Color

10.0314, 9.8136, 4.2712

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

9.2497, 9.5695, 7.6629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.0314, 9.8136, 4.2712 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(109, 84, 49)` looks like.

```
.text, #text, p{  
    color:rgb(109, 84, 49)  
}
```

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(109, 84, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 84, 49) }
```

Border

The CSS property to change the border of an element to XYZ 10.0314, 9.8136, 4.2712 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(109, 84, 49) }
```


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

```
.border{ border-color:rgb(109, 84, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 84, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 84, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 84, 49);  
box-shadow:4px 4px 4px 4px rgb(109, 84,  
49) }
```

Background

The CSS property to change the background color of an element to XYZ 10.0314, 9.8136, 4.2712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 84, 49) }
```

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

```
.background{ background-color: rgb(109, 84,  
49) }
```

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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