

Converting Colors

XYZ(31.1350, 29.2201, 9.0001)

Have a look what the booklet for
XYZ(31.1350, 29.2201, 9.0001)
contains.

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Color

**XYZ(31.1350, 29.2201,
9.0001)**

Conversions

Conversions Part 1

Format	Color
Hex	BE8941
RGB	190, 137, 65
RGB Percent	75%, 54%, 25%
CMY	0.2549, 0.4627, 0.7451
CMYK	0.00, 0.28, 0.66, 0.25
HSL	35°, 49%, 50%
HSV	35°, 66%, 75%
XYZ	31.1350, 29.2201, 9.0001
YIQ	144.6390, 54.7000, -11.1560

Conversions

Conversions Part 2

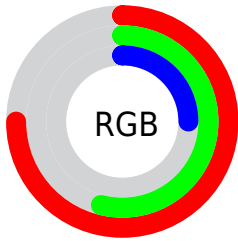
Format	Color
R_{YB}	157, 190, 65
Decimal	12486977
CIE _{Lab}	60.98, 12.88, 45.59
CIE _{LCh}	61, 47.380, 74.223
Yxy	29.2201, 0.4489, 0.4213
Android (android.graphics.Color)	4290677057 (0xFFBE8941)
YUV	144.6390, -39.2620, 39.7816
Hunter-Lab	54.0556, 8.2152, 27.9673

Details

The XYZ color **31.1350, 29.2201, 9.0001** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **17.9524, 17.7977, 51.2040**, and the grayscale version is **26.9064, 28.3077, 30.8271**.

A 20% lighter version of the original color is **60.6328, 58.2276, 24.5664**, and **13.1537, 11.8320, 1.9713** is the 20% darker color. If you saturate the color by 10%, you get **29.5719, 26.8317, 6.2054**, and if you desaturate by 10%, it is **32.9700, 31.8565, 12.7992**.

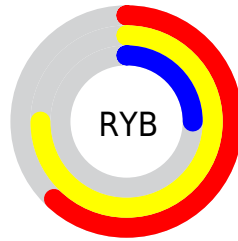
Distribution



Red (75%)

Green (54%)

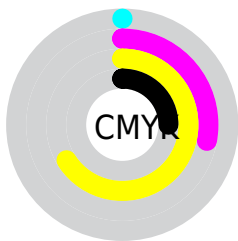
Blue (25%)



Red (62%)

Yellow (75%)

Blue (25%)

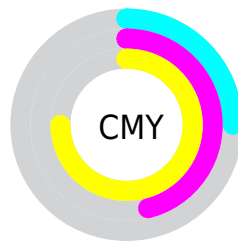


Cyan (0%)

Magenta (28%)

Yellow (66%)

Black (25%)



Cyan (25%)


Magenta (46%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.1350, 29.2201, 9.0001 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 31.1350, 29.2201, 9.0001 by changing the saturation by 10% instead.


 31.1350, 29.2201,
9.0001


 31.1350, 29.2201,
9.0001


298.9756,
298.2520, 193.5967


 20.8540, 19.2474,
4.6444


 60.8269, 58.4266,
24.4747

 13.1292, 11.8492,
1.9851


 80.9686, 78.4292,
36.4307


 7.5952, 6.6411,
0.5461


 105.1279,
102.5438, 51.7572

 3.8866, 3.2387,
0.0000

 133.6701,
131.1549, 70.8728

 1.6382, 1.2576,
0.0000

 166.9606,
164.6469, 94.1961

 0.4171, 0.1080,
0.0000

205.3648,

 0.0000, 0.0000,

203.4042, 122.1454

0.0000

249.2480,
247.8111, 155.1395

■ 31.1350, 29.2201,
9.0001

■ 31.1350, 29.2201,
9.0001

■ 29.5719, 26.8317,
6.2054

■ 32.9700, 31.8565,
12.7992

■ 28.2575, 24.6754,
4.3105

■ 35.0936, 34.7468,
17.6897

■ 27.1661, 22.7390,
3.1871

■ 37.5229, 37.9018,
23.7512

■ 26.7515, 21.9799,
2.8326

■ 40.2731, 41.3305,
31.0551

■ 43.3583, 45.0409,
39.6672

■ 46.7915, 49.0409,
49.6485

■ 50.5852, 53.3380,
61.0564

■ 54.7509, 57.9392,
73.9446

■ 59.2997, 62.8514,
88.3644

Harmonies

Analogous

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



37.2015, 29.2201, 13.4766



31.1350, 29.2201, 9.0001



24.9509, 29.2201, 8.8974

Triad

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



31.1350, 29.2201, 9.0001



17.7625, 29.2201, 40.9435



36.9249, 29.2201, 63.0145

Complementary

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



31.1350, 29.2201, 9.0001



17.9524, 17.7977, 51.2040

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.



30.7999, 29.2201, 77.5945



31.1350, 29.2201, 9.0001



20.0893, 29.2201, 61.9896

Square

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



31.1350, 29.2201, 9.0001



17.8245, 29.2201, 23.4213



24.6619, 29.2201, 77.1619



40.8679, 29.2201, 42.0087

Rectangle

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



31.1350, 29.2201, 9.0001



21.6043, 29.2201, 11.1395



24.6619, 29.2201, 77.1619



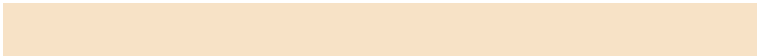
35.0162, 29.2201, 69.1255

Sweetspot

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



31.1357, 29.2215, 9.0007



75.9594, 78.5072, 64.5035



26.4654, 16.0639, 19.2114



16.3342, 16.8223, 13.2035



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



31.1357, 29.2215, 9.0007



52.4658, 46.8172, 9.5135



38.5803, 47.1129, 12.0617



9.9741, 10.4243, 10.0630



17.8674, 14.7736, 1.9099



0.7634, 0.7057, 0.0960

Inverse Universe

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



17.9524, 17.7977, 51.2040



26.8904, 24.7347, 91.6361



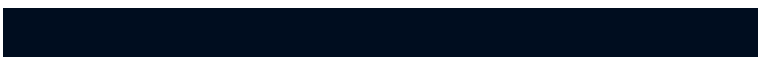
13.9578, 8.9281, 49.7026



9.3400, 9.8724, 12.0855



8.1890, 6.4898, 33.2139



0.3857, 0.3840, 1.3226

Previews

White Background



This preview shows how the XYZ color 31.1350, 29.2201, 9.0001 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 31.1350, 29.2201, 9.0001 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 31.1350, 29.2201, 9.0001

Background



This preview shows how black text looks on a background with the XYZ color 31.1350, 29.2201, 9.0001.



This preview shows how white text looks on a background with the XYZ color 31.1350, 29.2201,

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

31.1350, 29.2201, 9.0001

Protanopia

26.9431, 29.4897, 9.7409

Deuteranopia

29.8319, 29.1936, 8.9131



Tritanopia

35.0161, 29.1667, 28.2103

Trichromacy



Original Color

31.1350, 29.2201, 9.0001

Protanomaly

28.2200, 29.2360, 9.4660

Deuteranomaly

30.4077, 29.2745, 8.8984

Tritanomaly

33.1682, 29.0098, 19.1805

Monochromacy



Original Color

31.1350, 29.2201, 9.0001

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.5233, 28.1840, 20.5124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1350, 29.2201, 9.0001 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(190, 137, 65)` looks like.

```
.text, #text, p{  
    color:rgb(190, 137, 65)  
}
```

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(190, 137, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 137, 65) }
```

Border

The CSS property to change the border of an element to XYZ 31.1350, 29.2201, 9.0001 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(190, 137, 65) }
```


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

```
.border{ border-color:rgb(190, 137, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 137, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 137, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 137, 65);  
box-shadow:4px 4px 4px 4px rgb(190, 137,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1350, 29.2201, 9.0001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 137, 65) }
```

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

```
.background{ background-color: rgb(190,  
137, 65) }
```

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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