

Converting Colors

XYZ(31.5825, 29.0469, 9.4897)

Have a look what the booklet for
XYZ(31.5825, 29.0469, 9.4897)
contains.

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Color

**XYZ(31.4456, 28.9518,
9.3997)**

Conversions

Conversions Part 1

Format	Color
Hex	C08744
RGB	192, 135, 68
RGB Percent	75%, 53%, 27%
CMY	0.2471, 0.4706, 0.7333
CMYK	0.00, 0.30, 0.65, 0.25
HSL	32°, 50%, 51%
HSV	32°, 65%, 75%
XYZ	31.4456, 28.9518, 9.3997
YIQ	144.4050, 55.4790, -8.7530

Conversions

Conversions Part 2

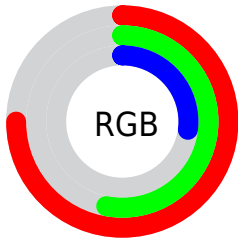
Format	Color
R_{YB}	173, 192, 68
Decimal	12617540
CIE _{Lab}	60.74, 15.04, 43.92
CIE _{LCh}	61, 46.421, 71.092
Yxy	28.9518, 0.4505, 0.4148
Android (android.graphics.Color)	4290807620 (0xFFC08744)
YUV	144.4050, -37.6677, 41.7408
Hunter-Lab	53.8069, 10.1562, 27.3072

Details

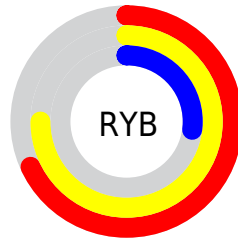
The XYZ color **31.4456, 28.9518, 9.3997** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **19.2315, 19.7009, 52.6579**, and the grayscale version is **26.8051, 28.2010, 30.7109**.

A 20% lighter version of the original color is **61.3981, 57.9699, 25.0928**, and **13.3494, 11.6916, 2.1254** is the 20% darker color. If you saturate the color by 10%, you get **29.7723, 26.3944, 6.4093**, and if you desaturate by 10%, it is **33.4143, 31.7930, 13.4356**.

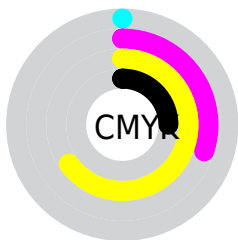
Distribution



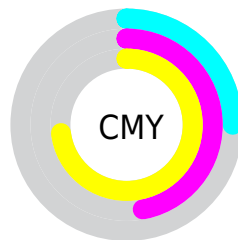
- Red (75%)
- Green (53%)
- Blue (27%)



- Red (68%)
- Yellow (75%)
- Blue (27%)



- Cyan (0%)
- Magenta (30%)
- Yellow (65%)
- Black (25%)





- Cyan (25%)
- Magenta (47%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.4456, 28.9518, 9.3997 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 31.4456, 28.9518, 9.3997 by changing the saturation by 10% instead.


 31.4456, 28.9518,
9.3997


 31.4456, 28.9518,
9.3997


300.3763,
296.9875, 196.6588


 21.0919, 19.0444,
4.9024


 61.3120, 58.0005,
25.2500

 13.3040, 11.7023,
2.1324


 81.5555, 77.9105,
37.4402


 7.7167, 6.5413,
0.6350


 105.8262,
101.9236, 53.0317

 3.9645, 3.1770,
0.0000

 134.4895,
130.4240, 72.4431

 1.6821, 1.2248,
0.0000

 167.9108,
163.7962, 96.0930

 0.4450, 0.0818,
0.0000

206.4555,

 0.0000, 0.0000,

202.4246, 124.3999

0.0000

250.4889,
246.6936, 157.7823

■ 31.4456, 28.9518,
9.3997

■ 31.4456, 28.9518,
9.3997

■ 29.7723, 26.3944,
6.4093

■ 33.4143, 31.7930,
13.4356

■ 28.3702, 24.1037,
4.3590

■ 35.6955, 34.9252,
18.6053

■ 27.2138, 22.0665,
3.1237

■ 38.3073, 38.3605,
24.9894

■ 26.6632, 21.0566,
2.6590

■ 41.2657, 42.1088,
32.6608

■ 44.5854, 46.1794,
41.6863

■ 48.2801, 50.5812,
52.1283

■ 52.3628, 55.3227,
64.0451

■ 56.8460, 60.4119,
77.4920

■ 61.7413, 65.8568,
92.5211

Harmonies

Analogous

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



37.2057, 28.9518, 14.3576



31.4456, 28.9518, 9.3997



25.3486, 28.9518, 8.8868

Triad

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



31.4456, 28.9518, 9.3997



17.6424, 28.9518, 38.3474



35.8567, 28.9518, 63.7260

Complementary

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



31.4456, 28.9518, 9.3997



19.2315, 19.7009, 52.6579

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.



29.8074, 28.9518, 76.5821



31.4456, 28.9518, 9.3997



19.6771, 28.9518, 58.7479

Square

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



31.4456, 28.9518, 9.3997



17.9481, 28.9518, 21.9473



23.9315, 28.9518, 74.4858



39.9980, 28.9518, 43.5449

Rectangle

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



31.4456, 28.9518, 9.3997



21.9580, 28.9518, 10.7916



23.9315, 28.9518, 74.4858



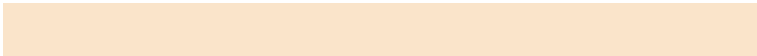
33.9449, 28.9518, 69.3299

Sweetspot

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



31.4463, 28.9532, 9.4003



77.8632, 80.1183, 67.4981



27.5627, 16.8438, 21.4923



16.3368, 16.7358, 13.4868



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.



31.4463, 28.9532, 9.4003



52.9635, 46.2548, 10.0702



40.5991, 48.7908, 12.7469



10.5139, 10.9593, 10.6231



18.0203, 14.3263, 1.8155



0.8469, 0.7556, 0.1012

Inverse Universe

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



19.2315, 19.7009, 52.6579



29.2212, 28.3135, 94.2852



14.2642, 9.3231, 50.9166



9.9012, 10.4937, 12.7885



8.8404, 7.4372, 34.5262



0.4508, 0.4590, 1.5147

Previews

White Background



This preview shows how the XYZ color 31.4456, 28.9518, 9.3997 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 31.4456, 28.9518, 9.3997 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 31.4456, 28.9518, 9.3997

Background



This preview shows how black text looks on a background with the XYZ color 31.4456, 28.9518, 9.3997.



This preview shows how white text looks on a background with the XYZ color 31.4456, 28.9518,

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

31.4456, 28.9518, 9.3997

Protanopia

26.7077, 29.1218, 10.3443

Deuteranopia

29.6826, 29.1065, 9.3639



Tritanopia

35.1307, 28.8552, 27.3849

Trichromacy



Original Color

31.4456, 28.9518, 9.3997

Protanomaly

28.4154, 29.0985, 10.0802

Deuteranomaly

30.3513, 29.0213, 9.3122

Tritanomaly

33.4129, 28.7372, 19.1150

Monochromacy



Original Color

31.4456, 28.9518, 9.3997

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.3752, 27.8878, 20.4630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4456, 28.9518, 9.3997 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(192, 135, 68)` looks like.

```
.text, #text, p{  
    color:rgb(192, 135, 68)  
}
```

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(192, 135, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 135, 68) }
```

Border

The CSS property to change the border of an element to XYZ 31.4456, 28.9518, 9.3997 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(192, 135, 68) }
```


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

```
.border{ border-color:rgb(192, 135, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 135, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 135, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 135, 68);  
box-shadow:4px 4px 4px 4px rgb(192, 135,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4456, 28.9518, 9.3997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 135, 68) }
```

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

```
.background{ background-color: rgb(192,  
135, 68) }
```

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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