

Converting Colors

XYZ(31.9044, 30.7497, 6.8385)

Have a look what the booklet for
XYZ(31.9044, 30.7497, 6.8385)
contains.

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Color

**XYZ(31.9044, 30.7497,
6.8385)**

Conversions

Conversions Part 1

Format	Color
Hex	C08E2E
RGB	192, 142, 46
RGB Percent	75%, 56%, 18%
CMY	0.2471, 0.4431, 0.8196
CMYK	0.00, 0.26, 0.76, 0.25
HSL	39°, 61%, 47%
HSV	39°, 76%, 75%
XYZ	31.9044, 30.7497, 6.8385
YIQ	146.0060, 60.6160, -19.2560

Conversions

Conversions Part 2

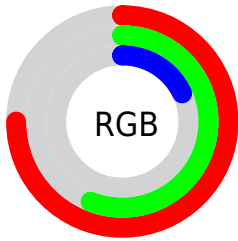
Format	Color
RYB	122, 192, 46
Decimal	12619310
CIELab	62.30, 10.01, 55.49
CIElCh	62, 56.388, 79.778
Yxy	30.7497, 0.4591, 0.4425
Android (android.graphics.Color)	4290809390 (0xFFC08E2E)
YUV	146.0060, -49.3030, 40.3367
Hunter-Lab	55.4524, 5.6578, 31.5049

Details

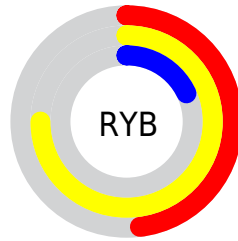
The XYZ color **31.9044, 30.7497, 6.8385** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **14.8239, 12.7520, 51.5490**, and the grayscale version is **27.5032, 28.9355, 31.5108**.

A 20% lighter version of the original color is **61.9121, 60.6265, 20.2433**, and **13.6587, 12.7226, 1.7358** is the 20% darker color. If you saturate the color by 10%, you get **30.6578, 28.7329, 4.9552**, and if you desaturate by 10%, it is **33.3793, 32.9526, 9.6331**.

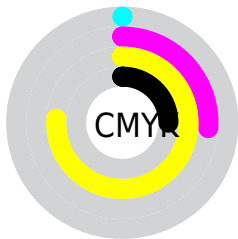
Distribution



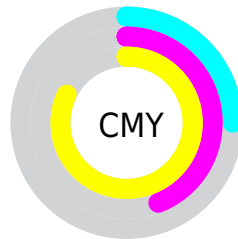
- Red (75%)
- Green (56%)
- Blue (18%)



- Red (48%)
- Yellow (75%)
- Blue (18%)



- Cyan (0%)
- Magenta (26%)
- Yellow (76%)
- Black (25%)





- Cyan (25%)
- Magenta (44%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.9044, 30.7497, 6.8385 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 31.9044, 30.7497, 6.8385 by changing the saturation by 10% instead.


 31.9044, 30.7497,
6.8385


 31.9044, 30.7497,
6.8385


302.4366,
305.3835, 175.8946

 21.4437, 20.4083,
3.2844


 62.0274, 60.8458,
20.1549


 13.5630, 12.6922,
1.2416

 82.4204, 81.3693,
30.7542

 7.8970, 7.2169,
0.0132


 106.8548,
106.0556, 44.5391

 4.0804, 3.5981,
0.0000

 135.6961,
135.2892, 61.9280

 1.7477, 1.4514,
0.0000

 169.3096,
169.4543, 83.3394

 0.4859, 0.2542,
0.0000

 208.0606,

 0.0000, 0.0000,

208.9355, 109.1920

0.0000

252.3144,
254.1171, 139.9042

■ 31.9044, 30.7497,
6.8385

■ 31.9044, 30.7497,
6.8385

■ 30.6578, 28.7329,
4.9552

■ 33.3793, 32.9526,
9.6331

■ 29.6110, 26.8856,
3.8471

■ 35.1013, 35.3470,
13.4431

■ 29.2313, 26.1927,
3.5150

■ 37.0894, 37.9433,
18.3602

■ 39.3598, 40.7493,
24.4652

■ 41.9273, 43.7723,
31.8314

■ 44.8054, 47.0194,
40.5263

■ 48.0068, 50.4968,
50.6121

■ 51.5434, 54.2106,
62.1476

■ 55.4265, 58.1668,
75.1878

Harmonies

Analogous

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



39.7444, 30.7497, 10.5767



31.9044, 30.7497, 6.8385



24.5444, 30.7497, 7.4853

Triad

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



31.9044, 30.7497, 6.8385



17.4947, 30.7497, 49.7795



41.9005, 30.7497, 68.5402

Complementary

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



31.9044, 30.7497, 6.8385



14.8239, 12.7520, 51.5490

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.



34.4694, 30.7497, 90.5156



31.9044, 30.7497, 6.8385



20.7504, 30.7497, 76.8211

Square

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



31.9044, 30.7497, 6.8385



17.0499, 30.7497, 26.5737



26.7031, 30.7497, 94.0718



46.1449, 30.7497, 41.4927

Rectangle

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



31.9044, 30.7497, 6.8385



20.8197, 30.7497, 10.4800



26.7031, 30.7497, 94.0718



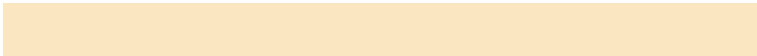
39.6377, 30.7497, 77.1855

Sweetspot

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



31.9051, 30.7512, 6.8391



77.3074, 80.8450, 61.6454



24.8777, 14.0256, 12.7302



16.1958, 16.8972, 12.0727



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.



31.9051, 30.7512, 6.8391



54.2958, 49.8807, 7.5504



35.9420, 46.4536, 9.6572



10.6136, 11.1587, 10.6563



19.7443, 17.7743, 2.3901



0.9151, 0.8919, 0.1239

Inverse Universe

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



14.8239, 12.7520, 51.5490



22.1736, 16.2564, 92.3294



12.8686, 6.9854, 50.5390



9.8040, 10.2993, 12.7561



7.7690, 5.2944, 34.1691



0.4004, 0.3581, 1.4979

Previews

White Background



This preview shows how the XYZ color 31.9044, 30.7497, 6.8385 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 31.9044, 30.7497, 6.8385 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 31.9044, 30.7497, 6.8385

Background



This preview shows how black text looks on a background with the XYZ color 31.9044, 30.7497, 6.8385.



This preview shows how white text looks on a background with the XYZ color 31.9044, 30.7497,

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

31.9044, 30.7497, 6.8385

Protanopia

27.9623, 30.7816, 7.2640

Deuteranopia

31.3019, 30.6610, 6.8531



Tritanopia

36.6342, 30.7640, 29.9938

Trichromacy



Original Color

31.9044, 30.7497, 6.8385

Protanomaly

29.2345, 30.7322, 7.0804

Deuteranomaly

31.5508, 30.7893, 6.8648

Tritanomaly

34.2759, 30.4268, 18.2538

Monochromacy



Original Color

31.9044, 30.7497, 6.8385

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.0441, 29.1631, 18.9028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9044, 30.7497, 6.8385 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, 142, 46)` looks like.

```
.text, #text, p{  
    color:rgb(192, 142, 46)  
}
```

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, 142, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 142, 46) }
```

Border

The CSS property to change the border of an element to XYZ 31.9044, 30.7497, 6.8385 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, 142, 46) }
```


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

```
.border{ border-color:rgb(192, 142, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 142, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 142, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 142, 46);  
box-shadow:4px 4px 4px 4px rgb(192, 142,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9044, 30.7497, 6.8385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 142, 46) }
```

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

```
.background{ background-color: rgb(192,  
142, 46) }
```

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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