

Converting Colors

XYZ(9.1991, 9.0054, 2.1683)

Have a look what the booklet for
XYZ(9.1991, 9.0054, 2.1683)
contains.

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Color

XYZ(9.2285, 8.9957, 2.1696)

Conversions

Conversions Part 1

Format	Color
Hex	6C5019
RGB	108, 80, 25
RGB Percent	42%, 31%, 10%
CMY	0.5765, 0.6863, 0.9020
CMYK	0.00, 0.26, 0.77, 0.58
HSL	40°, 62%, 26%
HSV	40°, 77%, 42%
XYZ	9.2285, 8.9957, 2.1696
YIQ	82.1020, 34.3430, -11.1690

Conversions

Conversions Part 2

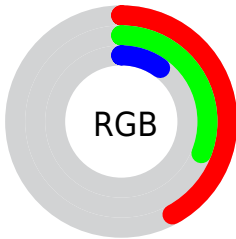
Format	Color
RYB	67, 108, 25
Decimal	7098393
CIELab	35.98, 5.77, 35.39
CIELCh	36, 35.861, 80.733
Yxy	8.9957, 0.4525, 0.4411
Android (android.graphics.Color)	4285288473 (0xFF6C5019)
YUV	82.1020, -28.1513, 22.7125
Hunter-Lab	29.9928, 2.4352, 16.7061

Details

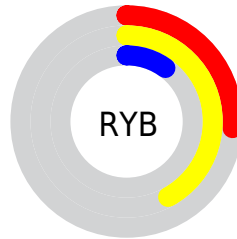
The XYZ color **9.2285, 8.9957, 2.1696** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4.3807, 3.8353, 14.6967**, and the grayscale version is **8.0907, 8.5121, 9.2696**.

A 20% lighter version of the original color is **23.9202, 23.8498, 9.4736**, and **2.3182, 2.1316, 0.2893** is the 20% darker color. If you saturate the color by 10%, you get **8.8743, 8.4391, 1.5838**, and if you desaturate by 10%, it is **9.6427, 9.6002, 2.9980**.

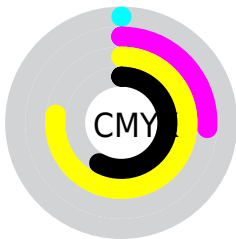
Distribution



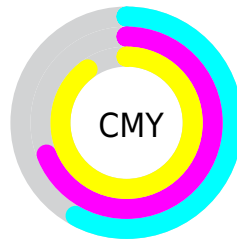
- Red (42%)
- Green (31%)
- Blue (10%)



- Red (26%)
- Yellow (42%)
- Blue (10%)



- Cyan (0%)
- Magenta (26%)
- Yellow (77%)
- Black (58%)



- Cyan (58%)
- Magenta (69%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.2285, 8.9957, 2.1696 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 9.2285, 8.9957, 2.1696 by changing the saturation by 10% instead.

■ 9.2285, 8.9957,
2.1696

■ 9.2285, 8.9957,
2.1696

179.2447,
183.3458, 124.9571

■ 4.9488, 4.7384,
0.6567

■ 23.9970, 23.8885,
9.4995

■ 2.2517, 2.0946,
0.0000

■ 35.2165, 35.2928,
16.1852

■ 0.7698, 0.6616,
0.0000

■ 49.4800, 49.8482,
25.4427

■ 0.0000, 0.0000,
0.0000

■ 67.1528, 67.9392,
37.6906

■ 88.6003, 89.9500,
53.3475

■ 114.1879,

116.2651, 72.8318

144.2809,
147.2689, 96.5622

9.2285, 8.9957,
2.1696

9.2285, 8.9957,
2.1696

8.8743, 8.4391,
1.5838

9.6427, 9.6002,
2.9980

8.5670, 7.9236,
1.1755

10.1211, 10.2535,
4.0930

8.4740, 7.7675,
1.0526

10.6682, 10.9581,
5.4764

11.2879, 11.7160,
7.1675

11.9838, 12.5289,
9.1840

■ 12.7590, 13.3984,
11.5421

■ 13.6168, 14.3260,
14.2571

■ 14.5600, 15.3133,
17.3432

■ 15.5913, 16.3617,
20.8140

Harmonies

Analogous

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



11.4210, 8.9957, 3.2203



9.2285, 8.9957, 2.1696



7.1774, 8.9957, 2.3999

Triad

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



9.2285, 8.9957, 2.1696



5.2564, 8.9957, 14.5751



12.1391, 8.9957, 19.2814

Complementary

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



9.2285, 8.9957, 2.1696



4.3807, 3.8353, 14.6967

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.



10.0876, 8.9957, 25.4211



9.2285, 8.9957, 2.1696



6.2058, 8.9957, 22.0101

Square

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



9.2285, 8.9957, 2.1696



5.1044, 8.9957, 8.0207



7.9059, 8.9957, 26.5868



13.2762, 8.9957, 11.8130

Rectangle

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



9.2285, 8.9957, 2.1696



6.1411, 8.9957, 3.3133



7.9059, 8.9957, 26.5868



11.5189, 8.9957, 21.6799

Sweetspot

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



9.2287, 8.9961, 2.1698



21.4628, 22.4777, 17.3927



7.1990, 4.1502, 3.9179



5.1052, 5.3387, 3.9407



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.



9.2287, 8.9961, 2.1698



15.1686, 14.1209, 2.2495



10.3147, 13.2577, 2.9351



3.2514, 3.4201, 3.3062



10.0820, 9.2137, 1.2470



50.5467, 45.2970, 6.0791

Inverse Universe

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



4.3807, 3.8353, 14.6967



6.2470, 4.6815, 25.4821



3.8336, 2.1797, 14.4060



3.0241, 3.1766, 3.8886



3.9728, 2.7799, 17.2494



19.5116, 12.7018, 87.6495

Previews

White Background



This preview shows how the XYZ color 9.2285, 8.9957, 2.1696 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



This preview shows how the XYZ color 9.2285, 8.9957, 2.1696 looks on a 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 9.2285, 8.9957, 2.1696

Background



This preview shows how black text looks on a background with the XYZ color 9.2285, 8.9957, 2.1696.



This preview shows how white text looks on a background with the XYZ color 9.2285, 8.9957, 2.1696.

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

9.2285, 8.9957, 2.1696

Protanopia

8.1543, 9.0045, 2.2855

Deuteranopia

9.1813, 9.0808, 2.1886



Tritanopia

10.6461, 9.0561, 8.7763

Trichromacy



Original Color

9.2285, 8.9957, 2.1696

Protanomaly

8.5352, 8.9704, 2.2589

Deuteranomaly

9.1813, 9.0808, 2.1886

Tritanomaly

10.0250, 9.0135, 5.4864

Monochromacy



Original Color

9.2285, 8.9957, 2.1696

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

8.0991, 8.4459, 5.6182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.2285, 8.9957, 2.1696 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(108, 80, 25)` looks like.

```
.text, #text, p{  
    color:rgb(108, 80, 25)  
}
```

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(108, 80, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 80, 25) }
```

Border

The CSS property to change the border of an element to XYZ 9.2285, 8.9957, 2.1696 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(108, 80, 25) }
```

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

```
.border{ border-color:rgb(108, 80, 25) }
```

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

Here you see how a box with a 4 pixel rgb(108, 80, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 80, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 80, 25);  
box-shadow:4px 4px 4px 4px rgb(108, 80,  
25) }
```


Background

The CSS property to change the background color of an element to XYZ 9.2285, 8.9957, 2.1696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 80, 25) }
```

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

```
.background{ background-color: rgb(108, 80,  
25) }
```

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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