

Converting Colors

XYZ(28.0015, 35.1641, 7.2594)

Have a look what the booklet for
XYZ(28.0015, 35.1641, 7.2594)
contains.

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Color

**XYZ(28.0791, 35.2197,
7.2376)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9CA827 |
| RGB | 156, 168, 39 |
| RGB Percent | 61%, 66%, 15% |
| CMY | 0.3882, 0.3412, 0.8470 |
| CMYK | 0.07, 0.00, 0.77, 0.34 |
| HSL | 66°, 62%, 41% |
| HSV | 66°, 77%, 66% |
| XYZ | 28.0791, 35.2197, 7.2376 |
| YIQ | 149.7060, 34.2570, -42.6630 |

Conversions

Conversions Part 2

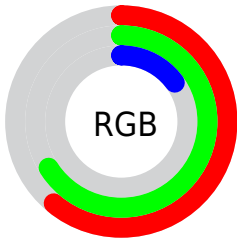
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 39, 168, 51 |
| Decimal | 10266663 |
| CIE Lab | 65.92, -20.10, 60.22 |
| CIE LCh | 66, 63.488, 108.453 |
| Yxy | 35.2197, 0.3981, 0.4993 |
| Android (android.graphics.Color) | 4288456743 (0xFF9CA827) |
| YUV | 149.7060, -54.5781, 5.5198 |
| Hunter-Lab | 59.3462, -19.4002, 34.3116 |

Details

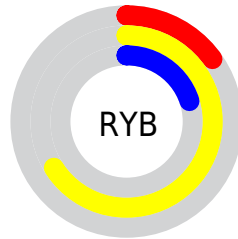
The XYZ color **28.0791, 35.2197, 7.2376** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **9.1598, 4.9828, 37.5270**, and the grayscale version is **29.0795, 30.5939, 33.3167**.

A 20% lighter version of the original color is **55.8938, 67.7477, 20.9572**, and **11.6122, 15.2575, 2.3330** is the 20% darker color. If you saturate the color by 10%, you get **27.5598, 34.9785, 6.0684**, and if you desaturate by 10%, it is **28.7272, 35.5154, 9.0576**.

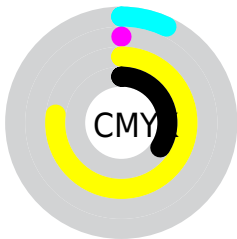
Distribution



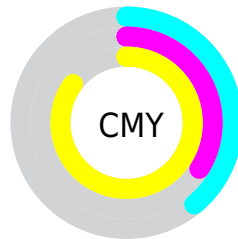
- Red (61%)
- Green (66%)
- Blue (15%)



- Red (15%)
- Yellow (66%)
- Blue (20%)



- Cyan (7%)
- Magenta (0%)
- Yellow (77%)
- Black (34%)





- Cyan (39%)
- Magenta (34%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.0791, 35.2197, 7.2376 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 28.0791, 35.2197, 7.2376 by changing the saturation by 10% instead.


 28.0791, 35.2197,
7.2376


 28.0791, 35.2197,
7.2376


284.9179,
325.5370, 179.3288


 18.5261, 23.8322,
3.5304


 56.0185, 67.8260,
20.9706


 11.4303, 15.2092,
1.3715


 75.1355, 89.8135,
31.8335

 6.4265, 8.9663,
0.1193


 98.1712, 116.1032,
45.9187

 3.1492, 4.7192,
0.0000

 125.4910,
147.0793, 63.6448

 1.2331, 2.0835,
0.0000

 157.4602,
183.1264, 85.4304

 0.1323, 0.6553,
0.0000

 194.4442,

 0.0000, 0.0000,

224.6288, 111.6938

0.0000

236.8083,
271.9708, 142.8538

■ 28.0791, 35.2197,
7.2376

■ 28.0791, 35.2197,
7.2376

■ 27.5598, 34.9785,
6.0684

■ 28.7272, 35.5154,
9.0576

■ 27.1458, 34.7787,
5.4374

■ 29.5162, 35.8666,
11.6024

■ 27.0216, 34.7180,
5.2771

■ 30.4593, 36.2800,
14.9383

■ 31.5676, 36.7598,
19.1237

■ 32.8512, 37.3103,
24.2115

■ 34.3193, 37.9350,
30.2501

■ 35.9804, 38.6373,
37.2847

■ 37.8427, 39.4206,
45.3573

■ 39.9136, 40.2878,
54.5079

Harmonies

Analogous

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



37.2215, 35.2197, 6.7200



28.0791, 35.2197, 7.2376



21.6985, 35.2197, 13.2593

Triad

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



28.0791, 35.2197, 7.2376



22.8708, 35.2197, 91.5302



54.4659, 35.2197, 49.6595

Complementary

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



28.0791, 35.2197, 7.2376



9.1598, 4.9828, 37.5270

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.



48.8890, 35.2197, 83.8876



28.0791, 35.2197, 7.2376



29.9892, 35.2197, 114.6034

Square

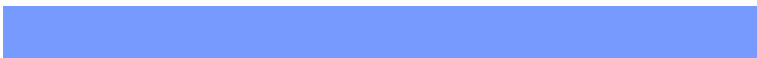
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.0791, 35.2197, 7.2376



19.1023, 35.2197, 57.1555



39.5219, 35.2197, 111.2913



53.6909, 35.2197, 24.1985

Rectangle

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



28.0791, 35.2197, 7.2376



19.3327, 35.2197, 22.3186



39.5219, 35.2197, 111.2913



53.2352, 35.2197, 60.6489

Sweetspot

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



28.0799, 35.2213, 7.2383



60.4670, 68.0665, 47.4189



17.6459, 10.7322, 3.0614



12.9861, 14.7532, 9.5504



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.0799, 35.2213, 7.2383



49.4748, 63.2135, 10.1467



18.8592, 30.4679, 6.8068



8.0770, 8.7378, 8.0501



20.4274, 26.2279, 3.9859



0.5162, 0.6480, 0.0979

Inverse Universe

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



9.1598, 4.9828, 37.5270



13.7735, 5.9291, 67.6436



14.7666, 7.8732, 37.7894



7.1942, 7.3327, 9.4545



5.5149, 2.2264, 28.1146



0.1536, 0.0642, 0.6849

Previews

White Background



This preview shows how the XYZ color 28.0791, 35.2197, 7.2376 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 28.0791, 35.2197, 7.2376 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 28.0791, 35.2197, 7.2376

Background



This preview shows how black text looks on a background with the XYZ color 28.0791, 35.2197, 7.2376.



This preview shows how white text looks on a background with the XYZ color 28.0791, 35.2197,

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

28.0791, 35.2197, 7.2376

Protanopia

31.7271, 34.9785, 6.8296

Deuteranopia

35.8287, 35.0792, 7.5719



Tritanopia

35.3669, 35.3033, 42.4863

Trichromacy



Original Color

28.0791, 35.2197, 7.2376

Protanomaly

30.2416, 34.9923, 6.9940

Deuteranomaly

32.6891, 34.9499, 7.4060

Tritanomaly

31.5676, 34.7874, 23.4632

Monochromacy



Original Color

28.0791, 35.2197, 7.2376

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.8203, 31.9151, 19.4458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0791, 35.2197, 7.2376 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(156, 168, 39)` looks like.

```
.text, #text, p{  
    color:rgb(156, 168, 39)  
}
```

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(156, 168, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 168, 39) }
```

Border

The CSS property to change the border of an element to XYZ 28.0791, 35.2197, 7.2376 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(156, 168, 39) }
```


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

```
.border{ border-color:rgb(156, 168, 39) }
```

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

Here you see how a box with a 4 pixel rgb(156, 168, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 168, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 168, 39);  
box-shadow:4px 4px 4px 4px rgb(156, 168,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0791, 35.2197, 7.2376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 168, 39) }
```

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

```
.background{ background-color: rgb(156,  
168, 39) }
```

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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