

Converting Colors

XYZ(28.0673, 34.9974, 5.2759)

Have a look what the booklet for
XYZ(28.0673, 34.9974, 5.2759)
contains.

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Color

**XYZ(28.1168, 35.0084,
5.2754)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA700
RGB	159, 167, 0
RGB Percent	62%, 65%, 0%
CMY	0.3765, 0.3451, 0.9999
CMYK	0.05, 0.00, 1.00, 0.35
HSL	63°, 100%, 33%
HSV	63°, 100%, 65%
XYZ	28.1168, 35.0084, 5.2754
YIQ	145.5700, 48.8390, -53.6330

Conversions

Conversions Part 2

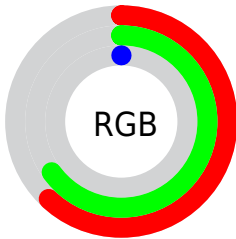
Format	Color
RYB	0, 167, 8
Decimal	10462976
CIELab	65.76, -19.24, 68.05
CIELCh	66, 70.713, 105.787
Yxy	35.0084, 0.4111, 0.5118
Android (android.graphics.Color)	4288653056 (0xFF9FA700)
YUV	145.5700, -71.7660, 11.7781
Hunter-Lab	59.1679, -18.7200, 36.1312

Details

The XYZ color **28.1168, 35.0084, 5.2754** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.0761, 2.8423, 36.7371**, and the grayscale version is **27.4174, 28.8452, 31.4124**.

A 20% lighter version of the original color is **56.0411, 67.5161, 16.9157**, and **11.7243, 15.1450, 2.3054** is the 20% darker color. If you saturate the color by 10%, you get **28.1174, 35.0099, 5.2756**, and if you desaturate by 10%, it is **28.3758, 35.1317, 5.8043**.

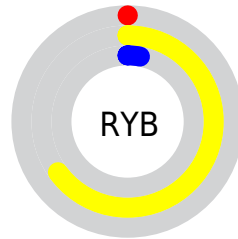
Distribution



Red (62%)

Green (65%)

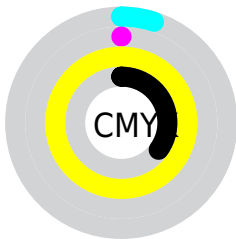
Blue (0%)



Red (0%)

Yellow (65%)

Blue (3%)

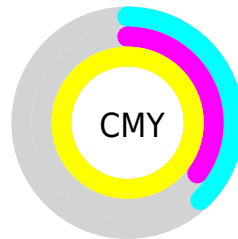


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (35%)



Cyan (38%)

Magenta (35%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1168, 35.0084, 5.2754 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 28.1168, 35.0084, 5.2754 by changing the saturation by 10% instead.

■ 28.1168, 35.0084,
5.2754

■ 28.1168, 35.0084,
5.2754

285.0946,
324.6054, 161.4928

■ 18.5546, 23.6693,
2.3482

■ 56.0782, 67.4988,
16.8582

■ 11.4510, 15.0885,
0.7580

■ 75.2081, 89.4189,
26.3509

■ 6.4406, 8.8815,
0.0000

■ 98.2581, 115.6348,
38.8691

■ 3.1580, 4.6640,
0.0000

■ 125.5933,
146.5310, 54.8315

■ 1.2378, 2.0515,
0.0000

■ 157.5792,
182.4917, 74.6565

■ 0.1359, 0.6371,
0.0000

■ 194.5812,

■ 0.0000, 0.0000,

223.9014, 98.7627

0.0000

236.9645,
271.1445, 127.5686

28.1168, 35.0084,
5.2754

28.1168, 35.0084,
5.2754

28.1174, 35.0099,
5.2756

28.3758, 35.1317,
5.8043

28.7175, 35.2869,
6.7671

29.1767, 35.4892,
8.3433

29.7685, 35.7447,
10.6121

30.5057, 36.0585,
13.6411

■ 31.3996, 36.4350,
17.4900

■ 32.4604, 36.8785,
22.2122

■ 33.6974, 37.3925,
27.8569

■ 35.1193, 37.9806,
34.4696

Harmonies

Analogous

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



38.4389, 35.0084, 5.1670



28.1168, 35.0084, 5.2754



20.8830, 35.0084, 10.4767

Triad

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



28.1168, 35.0084, 5.2754



21.1696, 35.0084, 95.7937



56.7146, 35.0084, 54.0095

Complementary

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



28.1168, 35.0084, 5.2754



7.0761, 2.8423, 36.7371

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.



49.7958, 35.0084, 93.7484



28.1168, 35.0084, 5.2754



28.5946, 35.0084, 125.1582

Square

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



28.1168, 35.0084, 5.2754



17.4814, 35.0084, 55.9530



39.0271, 35.0084, 124.2592



56.5116, 35.0084, 24.5438

Rectangle

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



28.1168, 35.0084, 5.2754



18.1450, 35.0084, 19.0989



39.0271, 35.0084, 124.2592



55.0908, 35.0084, 66.8191

Sweetspot

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



28.1176, 35.0100, 5.2761



58.0179, 65.9959, 39.2684



15.9980, 8.3372, 0.7665



12.8042, 14.6939, 7.9849



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.



28.1176, 35.0100, 5.2761



50.3019, 62.6702, 9.4454



16.9570, 29.2565, 4.7538



8.1108, 8.7552, 8.0517



21.5264, 26.7945, 4.0373



0.5341, 0.6573, 0.0987

Inverse Universe

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



7.0761, 2.8423, 36.7371



12.6220, 5.0638, 65.7874



11.1028, 4.9182, 36.9256



7.1638, 7.3171, 9.4531



5.4261, 2.1807, 28.1104



0.1421, 0.0583, 0.6844

Previews

White Background



This preview shows how the XYZ color 28.1168, 35.0084, 5.2754 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 28.1168, 35.0084, 5.2754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

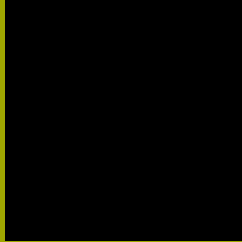
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.1168, 35.0084, 5.2754

Background



This preview shows how black text looks on a background with the XYZ color 28.1168, 35.0084, 5.2754.



This preview shows how white text looks on a background with the XYZ color 28.1168, 35.0084,

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

28.1168, 35.0084, 5.2754

Protanopia

31.3932, 34.8449, 5.0711

Deuteranopia

35.3518, 34.6299, 5.8579



Tritanopia

35.4910, 34.8906, 41.4232

Trichromacy



Original Color

28.1168, 35.0084, 5.2754

Protanomaly

30.1105, 34.9650, 5.1619

Deuteranomaly

32.4078, 34.5935, 5.4995

Tritanomaly

30.9360, 34.0524, 18.5779

Monochromacy



Original Color

28.1168, 35.0084, 5.2754

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.2939, 30.4808, 14.8535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1168, 35.0084, 5.2754 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(159, 167, 0)` looks like.

```
.text, #text, p{  
    color:rgb(159, 167, 0)  
}
```

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(159, 167, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 167, 0) }
```

Border

The CSS property to change the border of an element to XYZ 28.1168, 35.0084, 5.2754 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(159, 167, 0) }
```


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

```
.border{ border-color:rgb(159, 167, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 167, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 167, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 167, 0);  
box-shadow:4px 4px 4px 4px rgb(159, 167,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1168, 35.0084, 5.2754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 167, 0) }
```

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

```
.background{ background-color: rgb(159,  
167, 0) }
```

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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