

Converting Colors

XYZ(17.3652, 28.4474, 4.5757)

Have a look what the booklet for
XYZ(17.3652, 28.4474, 4.5757)
contains.

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Color

**XYZ(17.3136, 28.3680,
4.5631)**

Conversions

Conversions Part 1

Format	Color
Hex	5AA300
RGB	90, 163, 0
RGB Percent	35%, 64%, 0%
CMY	0.6471, 0.3608, 0.9999
CMYK	0.45, 0.00, 1.00, 0.36
HSL	87°, 100%, 32%
HSV	87°, 100%, 64%
XYZ	17.3136, 28.3680, 4.5631
YIQ	122.5910, 8.8150, -66.1690

Conversions

Conversions Part 2

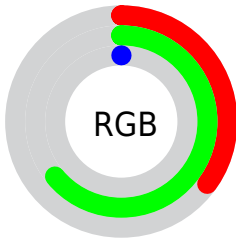
Format	Color
RYB	0, 163, 73
Decimal	5939968
CIELab	60.22, -45.10, 61.94
CIELCh	60, 76.622, 126.057
Yxy	28.3680, 0.3446, 0.5646
Android (android.graphics.Color)	4284130048 (0xFF5AA300)
YUV	122.5910, -60.4374, -28.5823
Hunter-Lab	53.2616, -35.1834, 32.2036

Details

The XYZ color **17.3136, 28.3680, 4.5631** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **9.3605, 4.0621, 34.9426**, and the grayscale version is **18.8838, 19.8672, 21.6354**.

A 20% lighter version of the original color is **38.5667, 57.3471, 15.3398**, and **6.0548, 11.3987, 1.8811** is the 20% darker color. If you saturate the color by 10%, you get **17.3135, 28.3688, 4.5632**, and if you desaturate by 10%, it is **18.1555, 28.7919, 5.1032**.

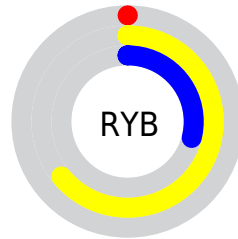
Distribution



Red (35%)

Green (64%)

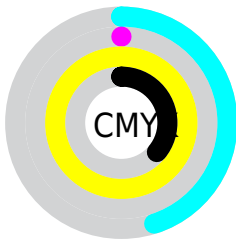
Blue (0%)



Red (0%)

Yellow (64%)

Blue (29%)

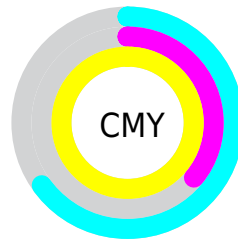


Cyan (45%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (65%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3136, 28.3680, 4.5631 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 17.3136, 28.3680, 4.5631 by changing the saturation by 10% instead.

■ 17.3136, 28.3680,
4.5631

■ 17.3136, 28.3680,
4.5631

230.0943,
294.2212, 154.2925

■ 10.5550, 18.6032,
1.9391

■ 38.4035, 57.0714,
15.2889

■ 5.8335, 11.3839,
0.5174

■ 53.4655, 76.7789,
24.2278

■ 2.7838, 6.3257,
0.0000

■ 72.0261, 100.5694,
36.1087

■ 1.0405, 3.0441,
0.0000

■ 94.4506, 128.8273,
51.3501

■ 0.0000, 1.1548,
0.0000

■ 121.1042,
161.9371, 70.3707


■ 0.0000, 0.0243,
0.0000


■ 152.3525,


■ 0.0000, 0.0000,


200.2831, 93.5889


0.0000


 188.5608,
244.2496, 121.4233


 17.3136, 28.3680,
4.5631


 17.3136, 28.3680,
4.5631


 17.3135, 28.3688,
4.5632

 18.1555, 28.7919,
5.1032

 19.1460, 29.2824,
6.0538

 20.3201, 29.8550,
7.5882

 21.6940, 30.5161,
9.7809

 23.2813, 31.2716,
12.6958

■ 25.0944, 32.1264,
16.3887

■ 27.1445, 33.0853,
20.9104

■ 29.4420, 34.1526,
26.3072

■ 31.9964, 35.3323,
32.6218

Harmonies

Analogous

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



25.0209, 28.3680, 2.2916



17.3136, 28.3680, 4.5631



13.1352, 28.3680, 13.7407

Triad

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



17.3136, 28.3680, 4.5631



20.0087, 28.3680, 111.2548



50.4100, 28.3680, 25.5305

Complementary

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



17.3136, 28.3680, 4.5631



9.3605, 4.0621, 34.9426

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.



48.1411, 28.3680, 58.4116



17.3136, 28.3680, 4.5631



29.0029, 28.3680, 121.7863

Square

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



17.3136, 28.3680, 4.5631



14.4065, 28.3680, 74.8503



39.6608, 28.3680, 98.3895



45.2704, 28.3680, 8.7523

Rectangle

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



17.3136, 28.3680, 4.5631



12.1818, 28.3680, 27.3197



39.6608, 28.3680, 98.3895



50.5021, 28.3680, 34.7541

Sweetspot

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



17.3143, 28.3692, 4.5637



48.3920, 59.1482, 36.9476



17.3357, 12.2482, 1.4509



10.5282, 13.1254, 7.5349



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



17.3143, 28.3692, 4.5637



30.7720, 50.6836, 8.1611



13.2343, 26.2660, 4.3728



7.3418, 8.0787, 7.5525



13.5080, 22.0741, 3.5488



0.3372, 0.4914, 0.0771

Inverse Universe

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



9.3605, 4.0621, 34.9426



16.5382, 7.1581, 62.5661



19.5860, 9.3335, 35.4211



6.9876, 7.0080, 8.8875



7.3247, 3.1825, 27.1580



0.2080, 0.0948, 0.5732

Previews

White Background



This preview shows how the XYZ color 17.3136, 28.3680, 4.5631 looks on a white background.

Color Contrast Check

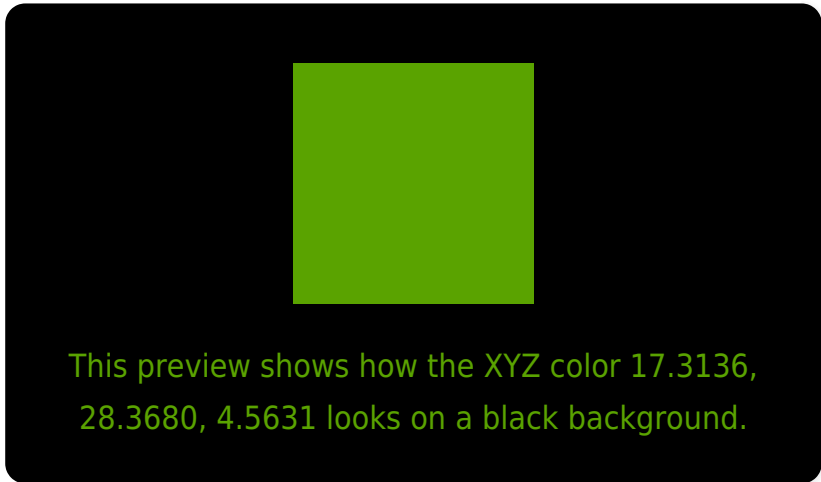
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

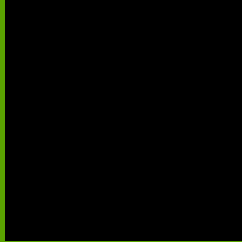
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.3136, 28.3680, 4.5631

Background



This preview shows how black text looks on a background with the XYZ color 17.3136, 28.3680, 4.5631.



This preview shows how white text looks on a background with the XYZ color 17.3136, 28.3680,

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

17.3136, 28.3680, 4.5631

Protanopia

25.2297, 28.0373, 4.0820

Deuteranopia

28.5116, 27.9462, 5.3303



Tritanopia

24.3595, 28.4518, 39.3298

Trichromacy



Original Color

17.3136, 28.3680, 4.5631

Protanomaly

21.3816, 27.6907, 4.2179

Deuteranomaly

22.8087, 27.0015, 4.7191

Tritanomaly

19.9807, 27.6600, 17.3825

Monochromacy



Original Color

17.3136, 28.3680, 4.5631

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

17.0192, 22.1065, 10.5777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3136, 28.3680, 4.5631 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(90, 163, 0)` looks like.

```
.text, #text, p{  
    color:rgb(90, 163, 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(90, 163, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 163, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.3136, 28.3680, 4.5631 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(90, 163, 0) }
```


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

```
.border{ border-color:rgb(90, 163, 0) }
```

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

Here you see how a box with a 4 pixel rgb(90, 163, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 163, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 163, 0);  
box-shadow:4px 4px 4px 4px rgb(90, 163, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.3136, 28.3680, 4.5631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 163, 0) }
```

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

```
.background{ background-color: rgb(90, 163,  
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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