

Converting Colors

XYZ(18.7952, 27.4926, 4.3160)

Have a look what the booklet for
XYZ(18.7952, 27.4926, 4.3160)
contains.

XYZ(18.8670, 27.6247, 4.3377)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.8670, 27.6247,
4.3377)**

Conversions

Conversions Part 1

Format	Color
Hex	719D00
RGB	113, 157, 0
RGB Percent	44%, 62%, 0%
CMY	0.5569, 0.3843, 0.9999
CMYK	0.28, 0.00, 1.00, 0.38
HSL	77°, 100%, 31%
HSV	77°, 100%, 62%
XYZ	18.8670, 27.6247, 4.3377
YIQ	125.9460, 24.1730, -58.1550

Conversions

Conversions Part 2

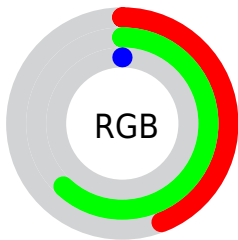
Format	Color
RYB	0, 157, 44
Decimal	7445760
CIELab	59.55, -33.97, 61.95
CIELCh	60, 70.651, 118.738
Yxy	27.6247, 0.3712, 0.5435
Android (android.graphics.Color)	4285635840 (0xFF719D00)
YUV	125.9460, -62.0914, -11.3536
Hunter-Lab	52.5592, -27.9031, 31.8983

Details

The XYZ color **18.8670, 27.6247, 4.3377** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **7.1258, 2.9706, 32.0978**, and the grayscale version is **20.0127, 21.0550, 22.9289**.

A 20% lighter version of the original color is **41.0754, 55.9899, 14.7731**, and **6.7965, 11.0027, 1.7655** is the 20% darker color. If you saturate the color by 10%, you get **18.8671, 27.6257, 4.3379**, and if you desaturate by 10%, it is **19.5390, 27.9615, 4.8464**.

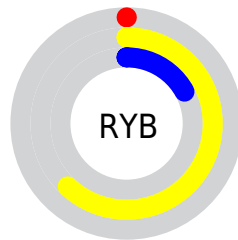
Distribution



Red (44%)

Green (62%)

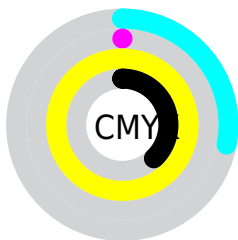
Blue (0%)



Red (0%)

Yellow (62%)

Blue (17%)

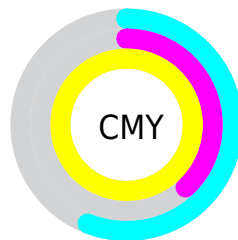


Cyan (28%)

Magenta (0%)

Yellow (100%)

Black (38%)



Cyan (56%)

Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8670, 27.6247, 4.3377 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 18.8670, 27.6247, 4.3377 by changing the saturation by 10% instead.

■ 18.8670, 27.6247,
4.3377

■ 18.8670, 27.6247,
4.3377

238.6658,
290.6692, 151.9080

■ 11.6777, 18.0429,
1.8124

■ 41.0279, 55.8847,
14.7814

■ 6.5952, 10.9808,
0.4361

■ 56.7301, 75.3317,
23.5368

■ 3.2543, 6.0539,
0.0000

■ 76.0006, 98.8360,
35.2061

■ 1.2896, 2.8779,
0.0000

■ 99.2048, 126.7818,
50.2077


■ 0.1754, 1.0683,
0.0000


■ 126.7081,
159.5537, 68.9601


■ 0.0000, 0.0000,
0.0000


■ 158.8758,


197.5359, 91.8819


 196.0732,
241.1130, 119.3917


 18.8670, 27.6247,
4.3377


 18.8670, 27.6247,
4.3377

 18.8671, 27.6257,
4.3379

 19.5390, 27.9615,
4.8464

 20.3083, 28.3394,
5.7248

 21.2070, 28.7724,
7.1373

 22.2483, 29.2657,
9.1518

 23.4435, 29.8239,
11.8259

■ 24.8028, 30.4511,
15.2109

■ 26.3351, 31.1510,
19.3526

■ 28.0488, 31.9268,
24.2933

■ 29.9517, 32.7819,
30.0720

Harmonies

Analogous

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



26.6348, 27.6247, 2.8846



18.8670, 27.6247, 4.3377



14.1898, 27.6247, 11.1575

Triad

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



18.8670, 27.6247, 4.3377



18.3486, 27.6247, 94.3114



47.3161, 27.6247, 31.1699

Complementary

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



18.8670, 27.6247, 4.3377



7.1258, 2.9706, 32.0978

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.



43.7416, 27.6247, 63.2990



18.8670, 27.6247, 4.3377



25.8817, 27.6247, 110.3415

Square

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



18.8670, 27.6247, 4.3377



13.9415, 27.6247, 60.2812



35.3602, 27.6247, 96.6404



44.2728, 27.6247, 12.1498

Rectangle

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



18.8670, 27.6247, 4.3377



12.8091, 27.6247, 21.4965



35.3602, 27.6247, 96.6404



46.8365, 27.6247, 40.6859

Sweetspot

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



18.8676, 27.6259, 4.3383



46.9914, 55.7082, 34.1833



14.7291, 8.8158, 0.9257



10.0981, 12.1479, 6.8562



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



18.8676, 27.6259, 4.3383



33.5929, 49.3720, 7.7592



12.8079, 24.5020, 4.0547



6.9888, 7.6269, 7.0894



15.3600, 22.4551, 3.5247



0.3133, 0.4214, 0.0648

Inverse Universe

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



7.1258, 2.9706, 32.0978



12.5968, 5.2348, 57.4732



13.8838, 6.4545, 32.4141



6.4506, 6.5208, 8.3253



5.8189, 2.4288, 26.0693



0.1421, 0.0630, 0.4679

Previews

White Background



This preview shows how the XYZ color 18.8670, 27.6247, 4.3377 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



This preview shows how the XYZ color 18.8670, 27.6247, 4.3377 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 × Fail

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

XYZ 18.8670, 27.6247, 4.3377

Background



This preview shows how black text looks on a background with the XYZ color 18.8670, 27.6247, 4.3377.



This preview shows how white text looks on a background with the XYZ color 18.8670, 27.6247,

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

18.8670, 27.6247, 4.3377

Protanopia

24.5204, 27.2220, 3.9620

Deuteranopia

27.8483, 27.4003, 4.9834



Tritanopia

25.3525, 27.6156, 36.3419

Trichromacy



Original Color

18.8670, 27.6247, 4.3377

Protanomaly

22.0915, 27.1091, 4.0682

Deuteranomaly

23.7927, 27.0581, 4.5410

Tritanomaly

21.4237, 26.9632, 16.3872

Monochromacy



Original Color

18.8670, 27.6247, 4.3377

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

18.2788, 22.5355, 10.9758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8670, 27.6247, 4.3377 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(113, 157, 0)` looks like.

```
.text, #text, p{  
    color:rgb(113, 157, 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(113, 157, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 157, 0) }
```

Border

The CSS property to change the border of an element to XYZ 18.8670, 27.6247, 4.3377 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(113, 157, 0) }
```


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

```
.border{ border-color:rgb(113, 157, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 157, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 157, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 157, 0);  
box-shadow:4px 4px 4px 4px rgb(113, 157,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8670, 27.6247, 4.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 157, 0) }
```

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

```
.background{ background-color: rgb(113,  
157, 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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