

Converting Colors

XYZ(17.1261, 18.9631, 3.4671)

Have a look what the booklet for
XYZ(17.1261, 18.9631, 3.4671)
contains.

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Color

**XYZ(17.1261, 18.9631,
3.4671)**

Conversions

Conversions Part 1

Format	Color
Hex	887915
RGB	136, 121, 21
RGB Percent	53%, 47%, 8%
CMY	0.4667, 0.5255, 0.9176
CMYK	0.00, 0.11, 0.85, 0.47
HSL	52°, 73%, 31%
HSV	52°, 85%, 53%
XYZ	17.1261, 18.9631, 3.4671
YIQ	114.0850, 41.0400, -27.9200

Conversions

Conversions Part 2

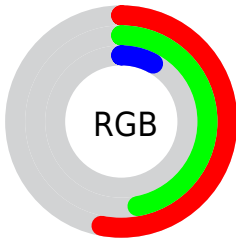
Format	Color
R_{YB}	38, 136, 21
Decimal	8943893
CIE Lab	50.64, -4.85, 51.51
CIE LCh	51, 51.740, 95.380
Yxy	18.9631, 0.4330, 0.4794
Android (android.graphics.Color)	4287133973 (0xFF887915)
YUV	114.0850, -45.8909, 19.2195
Hunter-Lab	43.5466, -6.0058, 25.7621

Details

The XYZ color **17.1261, 18.9631, 3.4671** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **5.3842, 3.1989, 23.6262**, and the grayscale version is **16.1451, 16.9859, 18.4977**.

A 20% lighter version of the original color is **37.9518, 41.6016, 12.6862**, and **5.9498, 6.6041, 0.9611** is the 20% darker color. If you saturate the color by 10%, you get **16.8181, 18.4989, 2.8969**, and if you desaturate by 10%, it is **17.5062, 19.4639, 4.3938**.

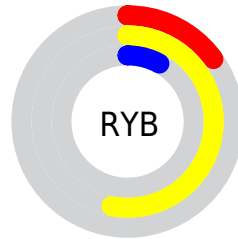
Distribution



Red (53%)

Green (47%)

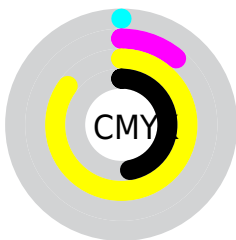
Blue (8%)



Red (15%)

Yellow (53%)

Blue (8%)

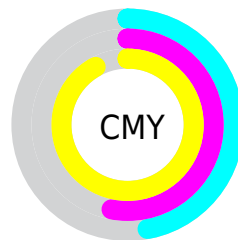


Cyan (0%)

Magenta (11%)

Yellow (85%)

Black (47%)



Cyan (47%)

Magenta (53%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1261, 18.9631, 3.4671 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 17.1261, 18.9631, 3.4671 by changing the saturation by 10% instead.

■ 17.1261, 18.9631,
3.4671

■ 17.1261, 18.9631,
3.4671

229.0401,
246.2450, 142.1040

■ 10.4203, 11.6436,
1.3378

■ 38.0843, 41.6717,
12.7608

■ 5.7429, 6.5015,
0.0925

■ 53.0675, 57.8297,
20.7623

■ 2.7286, 3.1524,
0.0000

■ 71.5404, 77.7026,
31.5582

■ 1.0119, 1.2118,
0.0000

■ 93.8686, 101.6748,
45.5672


■ 0.0000, 0.0713,
0.0000


■ 120.4173,
130.1308, 63.2077


■ 0.0000, 0.0000,
0.0000


■ 151.5519,


163.4548, 84.8983


 187.6377,
202.0315, 111.0576


 17.1261, 18.9631,
3.4671


 17.1261, 18.9631,
3.4671


 16.8181, 18.4989,
2.8969


 17.5062, 19.4639,
4.3938

 16.6629, 18.2534,
2.6450

 17.9679, 20.0030,
5.7325

 18.5199, 20.5847,
7.5266

 19.1692, 21.2117,
9.8135

 19.9222, 21.8866,
12.6269

■ 20.7849, 22.6120,
15.9974

■ 21.7626, 23.3898,
19.9533

■ 22.8603, 24.2223,
24.5211

■ 24.0828, 25.1112,
29.7255

Harmonies

Analogous

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



22.3933, 18.9631, 4.2546



17.1261, 18.9631, 3.4671



12.9526, 18.9631, 5.2336

Triad

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



17.1261, 18.9631, 3.4671



11.1923, 18.9631, 41.3731



28.4064, 18.9631, 34.5837

Complementary

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



17.1261, 18.9631, 3.4671



5.3842, 3.1989, 23.6262

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.



24.2712, 18.9631, 52.7599



17.1261, 18.9631, 3.4671



14.2633, 18.9631, 57.8000

Square

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



17.1261, 18.9631, 3.4671



9.9624, 18.9631, 23.3746



18.9525, 18.9631, 62.7263



29.5628, 18.9631, 18.1414

Rectangle

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



17.1261, 18.9631, 3.4671



11.1385, 18.9631, 8.5093



18.9525, 18.9631, 62.7263



27.2852, 18.9631, 40.8937

Sweetspot

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



17.1265, 18.9640, 3.4675



36.4703, 39.7188, 27.5607



10.7452, 5.9002, 2.2688



8.3350, 9.1063, 5.9445



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.1265, 18.9640, 3.4675



29.2852, 32.0083, 4.6347



13.5387, 20.0334, 3.8630



5.3764, 5.7356, 5.3761



15.7757, 17.2858, 2.5050



0.1120, 0.1292, 0.0190

Inverse Universe

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



5.3842, 3.1989, 23.6262



8.1368, 3.7432, 41.3420



6.7730, 3.3765, 23.5872



4.8239, 4.9907, 6.3149



4.4111, 2.0924, 22.2171



0.0352, 0.0256, 0.1495

Previews

White Background



This preview shows how the XYZ color 17.1261, 18.9631, 3.4671 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 17.1261, 18.9631, 3.4671 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 17.1261, 18.9631, 3.4671

Background



This preview shows how black text looks on a background with the XYZ color 17.1261, 18.9631, 3.4671.



This preview shows how white text looks on a background with the XYZ color 17.1261, 18.9631,

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

17.1261, 18.9631, 3.4671

Protanopia

17.1261, 18.9631, 3.4671

Deuteranopia

19.2551, 19.0071, 3.5736



Tritanopia

20.6840, 19.0304, 20.6722

Trichromacy



Original Color

17.1261, 18.9631, 3.4671

Protanomaly

17.1261, 18.9631, 3.4671

Deuteranomaly

18.3802, 18.8995, 3.5434

Tritanomaly

18.7003, 18.7221, 11.2224

Monochromacy



Original Color

17.1261, 18.9631, 3.4671

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.8353, 17.4393, 10.1209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1261, 18.9631, 3.4671 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(136, 121, 21)` looks like.

```
.text, #text, p{  
    color:rgb(136, 121, 21)  
}
```

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(136, 121, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 121, 21) }
```

Border

The CSS property to change the border of an element to XYZ 17.1261, 18.9631, 3.4671 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(136, 121, 21) }
```


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

```
.border{ border-color:rgb(136, 121, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 121, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 121, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 121, 21);  
box-shadow:4px 4px 4px 4px rgb(136, 121,  
21) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1261, 18.9631, 3.4671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 121, 21) }
```

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

```
.background{ background-color: rgb(136,  
121, 21) }
```

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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