

Converting Colors

XYZ(18.5673, 18.8304, 3.2283)

Have a look what the booklet for
XYZ(18.5673, 18.8304, 3.2283)
contains.

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Color

**XYZ(18.5673, 18.8304,
3.2283)**

Conversions

Conversions Part 1

Format	Color
Hex	947412
RGB	148, 116, 18
RGB Percent	58%, 45%, 7%
CMY	0.4196, 0.5451, 0.9294
CMYK	0.00, 0.22, 0.88, 0.42
HSL	45°, 78%, 33%
HSV	45°, 88%, 58%
XYZ	18.5673, 18.8304, 3.2283
YIQ	114.3960, 50.5300, -23.6940

Conversions

Conversions Part 2

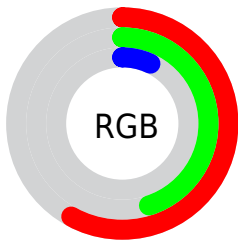
Format	Color
R_{YB}	60, 148, 18
Decimal	9729042
CIE _{Lab}	50.49, 3.53, 52.73
CIE _{LCh}	50, 52.851, 86.170
Yxy	18.8304, 0.4570, 0.4635
Android (android.graphics.Color)	4287919122 (0xFF947412)
YUV	114.3960, -47.5232, 29.4707
Hunter-Lab	43.3940, 0.4365, 25.9649

Details

The XYZ color **18.5673, 18.8304, 3.2283** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.7354, 4.5479, 28.5395**, and the grayscale version is **16.2419, 17.0877, 18.6085**.

A 20% lighter version of the original color is **40.6588, 41.6081, 12.1915**, and **6.5813, 6.4614, 0.9003** is the 20% darker color. If you saturate the color by 10%, you get **18.0643, 17.9712, 2.6087**, and if you desaturate by 10%, it is **19.1585, 19.7527, 4.2275**.

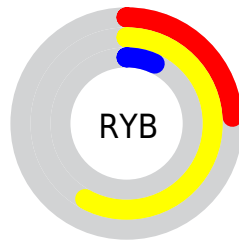
Distribution



Red (58%)

Green (45%)

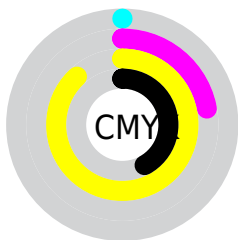
Blue (7%)



Red (24%)

Yellow (58%)

Blue (7%)

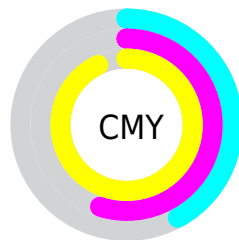


Cyan (0%)

Magenta (22%)

Yellow (88%)

Black (42%)



Cyan (42%)

Magenta (55%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5673, 18.8304, 3.2283 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 18.5673, 18.8304, 3.2283 by changing the saturation by 10% instead.

■ 18.5673, 18.8304,
3.2283

■ 18.5673, 18.8304,
3.2283

237.0337,
245.5109, 139.2173

■ 11.4602, 11.5478,
1.2124

■ 40.5242, 41.4473,
12.1868

■ 6.4468, 6.4366,
0.0000

■ 56.1047, 57.5504,
19.9664

■ 3.1619, 3.1123,
0.0000

■ 75.2404, 77.3625,
30.5043

■ 1.2399, 1.1906,
0.0000

■ 98.2966, 101.2679,
44.2190

■ 0.1375, 0.0540,
0.0000

■ 125.6386,
129.6510, 61.5292

■ 0.0000, 0.0000,
0.0000

■ 157.6320,

162.8963, 82.8532

194.6419,
201.3881, 108.6097

18.5673, 18.8304,
3.2283

18.5673, 18.8304,
3.2283

18.0643, 17.9712,
2.6087

19.1585, 19.7527,
4.2275

17.9598, 17.7902,
2.4873

19.8569, 20.7439,
5.7111

20.6739, 21.8094,
7.7359

21.6187, 22.9532,
10.3501

22.6998, 24.1790,
13.5969

■ 23.9246, 25.4901,
17.5152

■ 25.3002, 26.8896,
22.1409

■ 26.8330, 28.3802,
27.5072

■ 28.5291, 29.9647,
33.6453

Harmonies

Analogous

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



23.9958, 18.8304, 4.8162



18.5673, 18.8304, 3.2283



13.8762, 18.8304, 4.1305

Triad

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



18.5673, 18.8304, 3.2283



10.4006, 18.8304, 35.7257



27.4476, 18.8304, 40.6901

Complementary

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



18.5673, 18.8304, 3.2283



6.7354, 4.5479, 28.5395

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.



22.6297, 18.8304, 57.9381



18.5673, 18.8304, 3.2283



12.9317, 18.8304, 54.2339

Square

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



18.5673, 18.8304, 3.2283



9.7244, 18.8304, 18.6667



17.2445, 18.8304, 63.8099



29.7069, 18.8304, 22.4562

Rectangle

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



18.5673, 18.8304, 3.2283



11.6627, 18.8304, 6.4673



17.2445, 18.8304, 63.8099



26.0334, 18.8304, 47.0793

Sweetspot

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



18.5677, 18.8313, 3.2287



42.5181, 45.2924, 31.9060



13.0156, 6.9633, 3.7329



9.5428, 10.1689, 6.7482



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.5677, 18.8313, 3.2287



31.5491, 31.1095, 4.3419



17.8353, 24.9021, 4.4391



6.1458, 6.5053, 6.1722



15.3627, 15.2399, 2.1319



0.2111, 0.2327, 0.0338

Inverse Universe

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



6.7354, 4.5479, 28.5395



10.4509, 5.8113, 50.0055



6.9020, 3.2618, 28.2825



5.6086, 5.8511, 7.3035



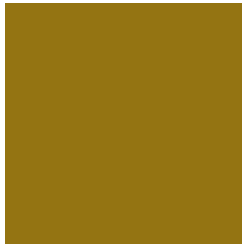
5.1347, 2.9641, 24.2325



0.0831, 0.0769, 0.3034

Previews

White Background



This preview shows how the XYZ color 18.5673, 18.8304, 3.2283 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 18.5673, 18.8304, 3.2283 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 18.5673, 18.8304, 3.2283

Background



This preview shows how black text looks on a background with the XYZ color 18.5673, 18.8304, 3.2283.



This preview shows how white text looks on a background with the XYZ color 18.5673, 18.8304,

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

18.5673, 18.8304, 3.2283

Protanopia

17.1083, 18.9560, 3.3733

Deuteranopia

19.0838, 18.7570, 3.2307



Tritanopia

21.8414, 18.8561, 19.0114

Trichromacy



Original Color

18.5673, 18.8304, 3.2283

Protanomaly

17.5296, 18.8161, 3.3241

Deuteranomaly

19.0108, 18.8878, 3.2598

Tritanomaly

20.0813, 18.6235, 10.1257

Monochromacy



Original Color

18.5673, 18.8304, 3.2283

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.1462, 17.2616, 9.8780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5673, 18.8304, 3.2283 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(148, 116, 18)` looks like.

```
.text, #text, p{  
    color:rgb(148, 116, 18)  
}
```

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(148, 116, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 116, 18) }
```

Border

The CSS property to change the border of an element to XYZ 18.5673, 18.8304, 3.2283 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(148, 116, 18) }
```


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

```
.border{ border-color:rgb(148, 116, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 116, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 116, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 116, 18);  
box-shadow:4px 4px 4px 4px rgb(148, 116,  
18) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5673, 18.8304, 3.2283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 116, 18) }
```

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

```
.background{ background-color: rgb(148,  
116, 18) }
```

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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