

Converting Colors

XYZ(18.5424, 18.6424, 3.6462)

Have a look what the booklet for
XYZ(18.5424, 18.6424, 3.6462)
contains.

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Color

**XYZ(18.5413, 18.6365,
3.6569)**

Conversions

Conversions Part 1

Format	Color
Hex	94731B
RGB	148, 115, 27
RGB Percent	58%, 45%, 11%
CMY	0.4196, 0.5490, 0.8941
CMYK	0.00, 0.22, 0.82, 0.42
HSL	44°, 69%, 34%
HSV	44°, 82%, 58%
XYZ	18.5413, 18.6365, 3.6569
YIQ	114.8350, 47.9160, -20.3720

Conversions

Conversions Part 2

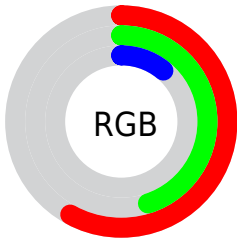
Format	Color
R_{YB}	72, 148, 27
Decimal	9728795
CIE Lab	50.26, 4.38, 49.71
CIE LCh	50, 49.905, 84.963
Yxy	18.6365, 0.4541, 0.4564
Android (android.graphics.Color)	4287918875 (0xFF94731B)
YUV	114.8350, -43.3027, 29.0857
Hunter-Lab	43.1700, 1.1173, 25.1966

Details

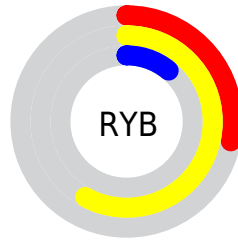
The XYZ color **18.5413, 18.6365, 3.6569** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **7.4131, 5.6028, 28.7075**, and the grayscale version is **16.3631, 17.2152, 18.7474**.

A 20% lighter version of the original color is **40.6836, 41.3238, 13.2292**, and **6.5214, 6.3415, 0.8803** is the 20% darker color. If you saturate the color by 10%, you get **17.9612, 17.6848, 2.8213**, and if you desaturate by 10%, it is **19.2286, 19.6648, 4.9543**.

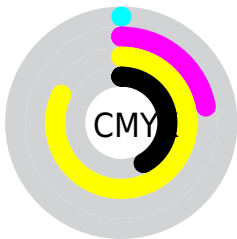
Distribution



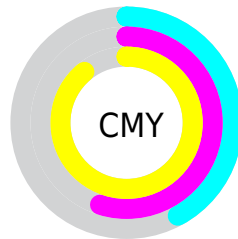
- Red (58%)
- Green (45%)
- Blue (11%)



- Red (28%)
- Yellow (58%)
- Blue (11%)



- Cyan (0%)
- Magenta (22%)
- Yellow (82%)
- Black (42%)



- Cyan (42%)
- Magenta (55%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5413, 18.6365, 3.6569 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 18.5413, 18.6365, 3.6569 by changing the saturation by 10% instead.

■ 18.5413, 18.6365,
3.6569

■ 18.5413, 18.6365,
3.6569

236.8917,
244.4346, 144.3319

■ 11.4413, 11.4079,
1.4391

■ 40.4804, 41.1190,
13.2104

■ 6.4340, 6.3419,
0.1719

■ 56.0503, 57.1416,
21.3832

■ 3.1539, 3.0541,
0.0000

■ 75.1743, 76.8644,
32.3780

■ 1.2356, 1.1600,
0.0000

■ 98.2176, 100.6718,
46.6134

■ 0.1342, 0.0287,
0.0000

■ 125.5456,
128.9481, 64.5080

■ 0.0000, 0.0000,
0.0000

■ 157.5237,

162.0778, 86.4802

194.5173,
200.4451, 112.9487

18.5413, 18.6365,
3.6569

18.5413, 18.6365,
3.6569

17.9612, 17.6848,
2.8213

19.2286, 19.6648,
4.9543

17.5373, 16.9453,
2.3464

20.0337, 20.7721,
6.7728

20.9668, 21.9636,
9.1637

22.0367, 23.2434,
12.1721

23.2514, 24.6148,
15.8384

■ 24.6181, 26.0811,
20.1997

■ 26.1434, 27.6455,
25.2903

■ 27.8337, 29.3108,
31.1419

■ 29.6950, 31.0798,
37.7849

Harmonies

Analogous

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



23.5970, 18.6365, 5.3776



18.5413, 18.6365, 3.6569



14.0765, 18.6365, 4.4706

Triad

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



18.5413, 18.6365, 3.6569



10.5584, 18.6365, 33.7113



26.4559, 18.6365, 39.7084

Complementary

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



18.5413, 18.6365, 3.6569



7.4131, 5.6028, 28.7075

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.



21.9283, 18.6365, 55.2092



18.5413, 18.6365, 3.6569



12.8994, 18.6365, 50.7825

Square

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



18.5413, 18.6365, 3.6569



9.9803, 18.6365, 18.0455



16.9106, 18.6365, 59.9819



28.6666, 18.6365, 22.7176

Rectangle

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



18.5413, 18.6365, 3.6569



11.9287, 18.6365, 6.6924



16.9106, 18.6365, 59.9819



25.1186, 18.6365, 45.5237

Sweetspot

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



18.5417, 18.6374, 3.6573



42.5025, 45.0303, 32.6123



13.4547, 7.4199, 5.1784



9.5274, 10.0914, 6.8874



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.



18.5417, 18.6374, 3.6573



30.9682, 29.9142, 4.2517



18.7831, 25.3806, 4.9461



6.1331, 6.4799, 6.1680



15.0032, 14.5208, 2.0120



0.2082, 0.2269, 0.0328

Inverse Universe

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



7.4131, 5.6028, 28.7075



10.8425, 6.5235, 50.1223



7.2170, 3.6850, 28.3476



5.6206, 5.8751, 7.3075



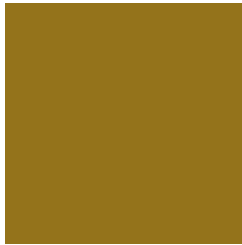
5.2446, 3.1840, 24.2692



0.0861, 0.0827, 0.3043

Previews

White Background



This preview shows how the XYZ color 18.5413, 18.6365, 3.6569 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 18.5413, 18.6365, 3.6569 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 18.5413, 18.6365, 3.6569

Background



This preview shows how black text looks on a background with the XYZ color 18.5413, 18.6365, 3.6569.



This preview shows how white text looks on a background with the XYZ color 18.5413, 18.6365,

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

18.5413, 18.6365, 3.6569

Protanopia

16.9177, 18.6677, 3.8102

Deuteranopia

18.9894, 18.6978, 3.7068



Tritanopia

21.6786, 18.6232, 18.6717

Trichromacy



Original Color

18.5413, 18.6365, 3.6569

Protanomaly

17.5033, 18.6162, 3.7694

Deuteranomaly

18.8046, 18.6025, 3.6981

Tritanomaly

20.0862, 18.4518, 10.6865

Monochromacy



Original Color

18.5413, 18.6365, 3.6569

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.4445, 17.3980, 10.6751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5413, 18.6365, 3.6569 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, 115, 27)` looks like.

```
.text, #text, p{  
    color:rgb(148, 115, 27)  
}
```

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, 115, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 115, 27) }
```

Border

The CSS property to change the border of an element to XYZ 18.5413, 18.6365, 3.6569 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, 115, 27) }
```


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

```
.border{ border-color:rgb(148, 115, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 115, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 115, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 115, 27);  
box-shadow:4px 4px 4px 4px rgb(148, 115,  
27) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5413, 18.6365, 3.6569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 115, 27) }
```

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

```
.background{ background-color: rgb(148,  
115, 27) }
```

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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