

Converting Colors

XYZ(18.6375, 18.3561, 3.3714)

Have a look what the booklet for
XYZ(18.6375, 18.3561, 3.3714)
contains.

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Color

**XYZ(18.6375, 18.3561,
3.3714)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 967117 |
| RGB | 150, 113, 23 |
| RGB Percent | 59%, 44%, 9% |
| CMY | 0.4118, 0.5568, 0.9098 |
| CMYK | 0.00, 0.25, 0.85, 0.41 |
| HSL | 43°, 73%, 34% |
| HSV | 43°, 85%, 59% |
| XYZ | 18.6375, 18.3561, 3.3714 |
| YIQ | 113.8030, 50.9420, -20.1460 |

Conversions

Conversions Part 2

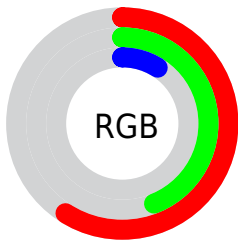
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 75, 150, 23 |
| Decimal | 9859351 |
| CIE Lab | 49.93, 6.32, 50.86 |
| CIE LCh | 50, 51.253, 82.915 |
| Yxy | 18.3561, 0.4617, 0.4548 |
| Android (android.graphics.Color) | 4288049431 (0xFF967117) |
| YUV | 113.8030, -44.7659, 31.7448 |
| Hunter-Lab | 42.8440, 2.6719, 25.3253 |

Details

The XYZ color **18.6375, 18.3561, 3.3714** is a dark color, and the websafe version is hex **996600**, and the color name is **bistre brown**. A complement of this color would be **7.4743, 5.6159, 29.5442**, and the grayscale version is **16.0548, 16.8909, 18.3942**.

A 20% lighter version of the original color is **40.7721, 40.8420, 12.5718**, and **6.6096, 6.2135, 0.8510** is the 20% darker color. If you saturate the color by 10%, you get **18.0512, 17.3609, 2.6294**, and if you desaturate by 10%, it is **19.3325, 19.4338, 4.5662**.

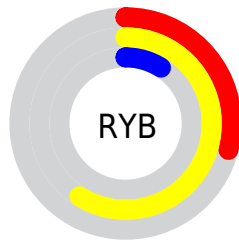
Distribution



Red (59%)

Green (44%)

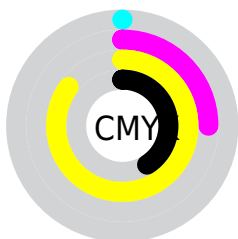
Blue (9%)



Red (29%)

Yellow (59%)

Blue (9%)

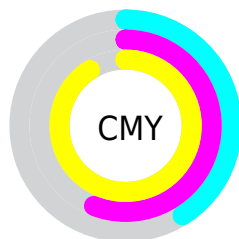


Cyan (0%)

Magenta (25%)

Yellow (85%)

Black (41%)



Cyan (41%)

Magenta (56%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6375, 18.3561, 3.3714 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 18.6375, 18.3561, 3.3714 by changing the saturation by 10% instead.

■ 18.6375, 18.3561,
3.3714

■ 18.6375, 18.3561,
3.3714

237.4169,
242.8706, 140.9588

■ 11.5111, 11.2060,
1.2873

■ 40.6423, 40.6432,
12.5319

■ 6.4815, 6.2055,
0.0513

■ 56.2514, 56.5489,
20.4454

■ 3.1834, 2.9705,
0.0000

■ 75.4187, 76.1419,
31.1390

■ 1.2515, 1.1163,
0.0000

■ 98.5097, 99.8067,
45.0314

■ 0.1465, 0.0000,
0.0000

■ 125.8896,
127.9275, 62.5410

■ 0.0000, 0.0000,
0.0000

■ 157.9239,

160.8889, 84.0864

194.9779,
199.0751, 110.0862

18.6375, 18.3561,
3.3714

18.6375, 18.3561,
3.3714

18.0512, 17.3609,
2.6294

19.3325, 19.4338,
4.5662

17.7629, 16.8545,
2.3170

20.1484, 20.5972,
6.2824

21.0965, 21.8521,
8.5754

22.1862, 23.2026,
11.4936

23.4259, 24.6528,
15.0800

■ 24.8234, 26.2061,
19.3739

■ 26.3858, 27.8658,
24.4114

■ 28.1198, 29.6352,
30.2263

■ 30.0317, 31.5171,
36.8501

Harmonies

Analogous

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



23.7811, 18.3561, 5.2465



18.6375, 18.3561, 3.3714



14.0233, 18.3561, 3.9946

Triad

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



18.6375, 18.3561, 3.3714



10.1161, 18.3561, 32.4700



26.1135, 18.3561, 41.1247

Complementary

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



18.6375, 18.3561, 3.3714



7.4743, 5.6159, 29.5442

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.



21.3868, 18.3561, 56.6648



18.6375, 18.3561, 3.3714



12.3510, 18.3561, 50.2434

Square

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



18.6375, 18.3561, 3.3714



9.6553, 18.3561, 16.8337



16.3082, 18.3561, 60.6134



28.5921, 18.3561, 23.5106

Rectangle

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



18.6375, 18.3561, 3.3714



11.7760, 18.3561, 6.0049



16.3082, 18.3561, 60.6134



24.6967, 18.3561, 47.0463

Sweetspot

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



18.6379, 18.3570, 3.3718



43.5926, 46.0138, 33.5138



13.7292, 7.4350, 5.1409



9.4826, 10.0017, 6.8724



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.



18.6379, 18.3570, 3.3718



31.1913, 29.4318, 4.0369



19.4603, 26.2045, 4.8431



6.1242, 6.4621, 6.1650



14.7607, 14.0357, 1.9312



0.2061, 0.2227, 0.0321

Inverse Universe

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



7.4743, 5.6159, 29.5442



11.1516, 6.7589, 51.6381



7.0495, 3.4532, 29.1491



5.6290, 5.8919, 7.3103



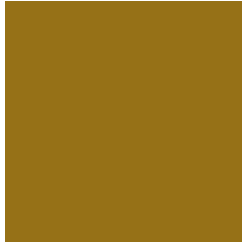
5.3284, 3.3516, 24.2971



0.0881, 0.0869, 0.3050

Previews

White Background



This preview shows how the XYZ color 18.6375, 18.3561, 3.3714 looks on a white 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

Black Background



This preview shows how the XYZ color 18.6375, 18.3561, 3.3714 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 18.6375, 18.3561, 3.3714

Background



This preview shows how black text looks on a background with the XYZ color 18.6375, 18.3561, 3.3714.



This preview shows how white text looks on a background with the XYZ color 18.6375, 18.3561,

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

18.6375, 18.3561, 3.3714

Protanopia

16.6038, 18.3322, 3.5831

Deuteranopia

18.6375, 18.3561, 3.3714



Tritanopia

21.5498, 18.2640, 18.0123

Trichromacy



Original Color

18.6375, 18.3561, 3.3714

Protanomaly

17.3414, 18.3640, 3.4948

Deuteranomaly

18.6375, 18.3561, 3.3714

Tritanomaly

19.9474, 18.0766, 10.0272

Monochromacy



Original Color

18.6375, 18.3561, 3.3714

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.2549, 17.1407, 10.2363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6375, 18.3561, 3.3714 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(150, 113, 23)` looks like.

```
.text, #text, p{  
    color:rgb(150, 113, 23)  
}
```

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(150, 113, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 113, 23) }
```

Border

The CSS property to change the border of an element to XYZ 18.6375, 18.3561, 3.3714 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(150, 113, 23) }
```


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

```
.border{ border-color:rgb(150, 113, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 113, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 113, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 113, 23);  
box-shadow:4px 4px 4px 4px rgb(150, 113,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6375, 18.3561, 3.3714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 113, 23) }
```

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

```
.background{ background-color: rgb(150,  
113, 23) }
```

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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