

Converting Colors

XYZ(19.3087, 18.4210, 6.6351)

Have a look what the booklet for
XYZ(19.3087, 18.4210, 6.6351)
contains.

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Color

**XYZ(19.3461, 18.4834,
6.6857)**

Conversions

Conversions Part 1

Format	Color
Hex	97703B
RGB	151, 112, 59
RGB Percent	59%, 44%, 23%
CMY	0.4078, 0.5608, 0.7686
CMYK	0.00, 0.26, 0.61, 0.41
HSL	35°, 44%, 41%
HSV	35°, 61%, 59%
XYZ	19.3461, 18.4834, 6.6857
YIQ	117.6190, 40.2570, -8.2150

Conversions

Conversions Part 2

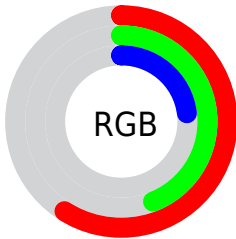
Format	Color
R_{YB}	127, 151, 59
Decimal	9924667
CIE Lab	50.08, 9.30, 35.02
CIE LCh	50, 36.238, 75.126
Yxy	18.4834, 0.4346, 0.4152
Android (android.graphics.Color)	4288114747 (0xFF97703B)
YUV	117.6190, -28.8992, 29.2751
Hunter-Lab	42.9923, 5.0866, 20.8745

Details

The XYZ color **19.3461, 18.4834, 6.6857** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.7571, 11.8991, 30.9552**, and the grayscale version is **17.1798, 18.0745, 19.6831**.

A 20% lighter version of the original color is **41.9947, 41.0435, 19.8962**, and **6.8295, 6.2347, 1.1913** is the 20% darker color. If you saturate the color by 10%, you get **18.3285, 16.9869, 4.6860**, and if you desaturate by 10%, it is **20.5281, 20.1274, 9.2996**.

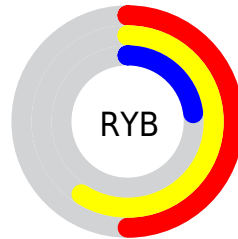
Distribution



Red (59%)

Green (44%)

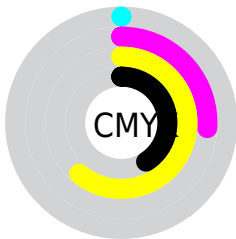
Blue (23%)



Red (50%)

Yellow (59%)

Blue (23%)

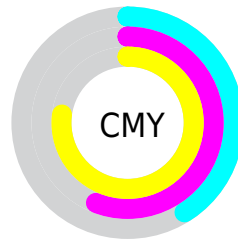


Cyan (0%)

Magenta (26%)

Yellow (61%)

Black (41%)



Cyan (41%)

Magenta (56%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3461, 18.4834, 6.6857 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 19.3461, 18.4834, 6.6857 by changing the saturation by 10% instead.

■ 19.3461, 18.4834,
6.6857

■ 19.3461, 18.4834,
6.6857

241.2544,
243.5818, 174.5566

■ 12.0261, 11.2976,
3.1909

■ 41.8305, 40.8593,
19.8401

■ 6.8338, 6.2674,
1.1929

■ 57.7256, 56.8182,
30.3367

■ 3.4038, 3.0083,
0.0000

■ 77.2098, 76.4703,
44.0043

■ 1.3707, 1.1361,
0.0000

■ 100.6484,
100.1999, 61.2615

■ 0.2352, 0.0086,
0.0000

■ 128.4068,
128.3915, 82.5268

■ 0.0000, 0.0000,
0.0000

■ 160.8504,

161.4294, 108.2187

198.3445,
199.6980, 138.7558

■ 19.3461, 18.4834,
6.6857

■ 19.3461, 18.4834,
6.6857

■ 18.3285, 16.9869,
4.6860

■ 20.5281, 20.1274,
9.2996

■ 17.4629, 15.6292,
3.2459

■ 21.8831, 21.9219,
12.5736

■ 16.7368, 14.4043,
2.3031

■ 23.4204, 23.8728,
16.5507

■ 16.1702, 13.3948,
1.7332

■ 25.1485, 25.9850,
21.2696

■ 27.0749, 28.2631,
26.7664

■ 29.2069, 30.7113,
33.0748

■ 31.5513, 33.3339,
40.2262

■ 34.1147, 36.1349,
48.2508

■ 36.9031, 39.1179,
57.1769

Harmonies

Analogous

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



22.7365, 18.4834, 9.3532



19.3461, 18.4834, 6.6857



15.8756, 18.4834, 6.6962

Triad

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



19.3461, 18.4834, 6.6857



11.8571, 18.4834, 25.5638



22.7612, 18.4834, 36.9435

Complementary

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



19.3461, 18.4834, 6.6857



11.7571, 11.8991, 30.9552

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.



19.3764, 18.4834, 44.9397



19.3461, 18.4834, 6.6857



13.2487, 18.4834, 37.0327

Square

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



19.3461, 18.4834, 6.6857



11.8513, 18.4834, 15.5870



15.9022, 18.4834, 44.9769



24.8785, 18.4834, 25.4686

Rectangle

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



19.3461, 18.4834, 6.6857



13.9853, 18.4834, 8.1501



15.9022, 18.4834, 44.9769



21.7155, 18.4834, 40.2731

Sweetspot

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



19.3465, 18.4843, 6.6861



45.8887, 47.5542, 40.4817



16.5723, 10.6057, 12.9449



10.2257, 10.5641, 8.6275



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.3465, 18.4843, 6.6861



32.2461, 29.5340, 7.3710



23.5096, 28.4566, 8.3915



6.4894, 6.7838, 6.5732



13.7851, 11.4526, 1.4840



0.2420, 0.2431, 0.0342

Inverse Universe

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



11.7571, 11.8991, 30.9552



17.4642, 16.7418, 54.7447



9.3389, 6.4909, 30.0387



6.0889, 6.4352, 7.8502



6.3392, 5.0751, 25.5532



0.1297, 0.1457, 0.3937

Previews

White Background



This preview shows how the XYZ color 19.3461, 18.4834, 6.6857 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 19.3461, 18.4834, 6.6857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

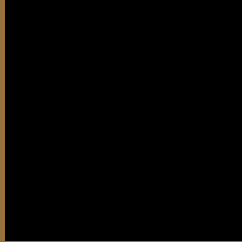
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.3461, 18.4834, 6.6857

Background



This preview shows how black text looks on a background with the XYZ color 19.3461, 18.4834, 6.6857.



This preview shows how white text looks on a background with the XYZ color 19.3461, 18.4834,

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

19.3461, 18.4834, 6.6857

Protanopia

17.0745, 18.6754, 7.1197

Deuteranopia

18.8394, 18.5534, 6.7259



Tritanopia

21.7089, 18.4915, 18.3446

Trichromacy



Original Color

19.3461, 18.4834, 6.6857

Protanomaly

17.8244, 18.5378, 6.9137

Deuteranomaly

18.9073, 18.4219, 6.6969

Tritanomaly

20.7094, 18.4033, 13.0504

Monochromacy



Original Color

19.3461, 18.4834, 6.6857

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.6090, 18.0997, 13.8748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3461, 18.4834, 6.6857 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(151, 112, 59)` looks like.

```
.text, #text, p{  
    color:rgb(151, 112, 59)  
}
```

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(151, 112, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 112, 59) }
```

Border

The CSS property to change the border of an element to XYZ 19.3461, 18.4834, 6.6857 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(151, 112, 59) }
```


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

```
.border{ border-color:rgb(151, 112, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 112, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 112, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 112, 59);  
box-shadow:4px 4px 4px 4px rgb(151, 112,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3461, 18.4834, 6.6857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 112, 59) }
```

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

```
.background{ background-color: rgb(151,  
112, 59) }
```

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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