

Converting Colors

XYZ(23.0645, 18.4078, 7.1870)

Have a look what the booklet for
XYZ(23.0645, 18.4078, 7.1870)
contains.

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Color

**XYZ(23.0664, 18.4078,
7.1878)**

Conversions

Conversions Part 1

Format	Color
Hex	AF6340
RGB	175, 99, 64
RGB Percent	69%, 39%, 25%
CMY	0.3137, 0.6117, 0.7490
CMYK	0.00, 0.43, 0.63, 0.31
HSL	19°, 46%, 47%
HSV	19°, 63%, 69%
XYZ	23.0664, 18.4078, 7.1878
YIQ	117.7340, 56.5310, 5.2270

Conversions

Conversions Part 2

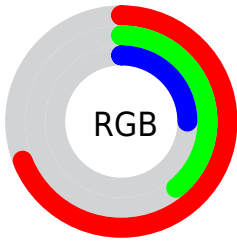
Format	Color
RYB	175, 115, 64
Decimal	11494208
CIELab	49.99, 27.45, 32.94
CIELCh	50, 42.879, 50.194
Yxy	18.4078, 0.4740, 0.3783
Android (android.graphics.Color)	4289684288 (0xFFAF6340)
YUV	117.7340, -26.4909, 50.2223
Hunter-Lab	42.9043, 20.8834, 20.1001

Details

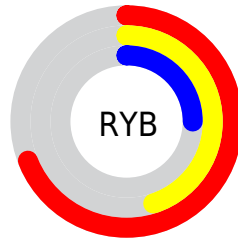
The XYZ color **23.0664, 18.4078, 7.1878** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **19.2296, 22.9398, 43.9714**, and the grayscale version is **17.2050, 18.1010, 19.7120**.

A 20% lighter version of the original color is **47.9789, 40.8179, 20.9727**, and **8.7726, 6.2662, 1.3632** is the 20% darker color. If you saturate the color by 10%, you get **21.5923, 16.1354, 4.6133**, and if you desaturate by 10%, it is **24.8661, 21.0814, 10.6420**.

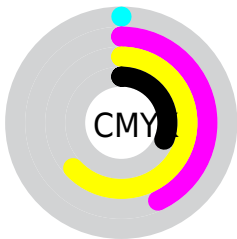
Distribution



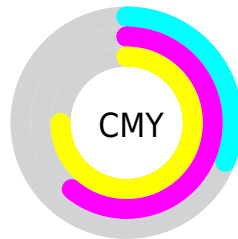
- Red (69%)
- Green (39%)
- Blue (25%)



- Red (69%)
- Yellow (45%)
- Blue (25%)



- Cyan (0%)
- Magenta (43%)
- Yellow (63%)
- Black (31%)



- Cyan (31%)
- Magenta (61%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0664, 18.4078, 7.1878 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 23.0664, 18.4078, 7.1878 by changing the saturation by 10% instead.

■ 23.0664, 18.4078,
7.1878

■ 23.0664, 18.4078,
7.1878

260.5948,
243.1597, 178.9049

■ 14.7635, 11.2432,
3.4996

■ 47.9682, 40.7310,
20.8693

■ 8.7388, 6.2306,
1.3551

■ 65.2978, 56.6583,
31.6997

■ 4.6270, 2.9858,
0.1063

■ 86.3670, 76.2754,
45.7479

■ 2.0626, 1.1243,
0.0000

■ 111.5412, 99.9665,
63.4324

■ 0.6687, 0.0000,
0.0000

■ 141.1857,
128.1161, 85.1719

■ 0.0000, 0.0000,
0.0000

■ 175.6659,

161.1085, 111.3847

215.3472,
199.3283, 142.4895

■ 23.0664, 18.4078,
7.1878

■ 23.0664, 18.4078,
7.1878

■ 21.5923, 16.1354,
4.6133

■ 24.8661, 21.0814,
10.6420

■ 20.4198, 14.2406,
2.8349

■ 27.0102, 24.1727,
15.0468

■ 19.5233, 12.7011,
1.7546

■ 29.5175, 27.7002,
20.4671

■ 19.0542, 11.8641,
1.2857

■ 32.4050, 31.6808,
26.9616

■ 35.6886, 36.1303,
34.5847

■ 39.3831, 41.0636,
43.3868

■ 43.5027, 46.4952,
53.4155

■ 48.0607, 52.4387,
64.7157

■ 53.0701, 58.9072,
77.3298

Harmonies

Analogous

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



26.0228, 18.4078, 13.1937



23.0664, 18.4078, 7.1878



18.8786, 18.4078, 4.9788

Triad

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



23.0664, 18.4078, 7.1878



10.7998, 18.4078, 16.4259



20.3722, 18.4078, 49.7219

Complementary

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



23.0664, 18.4078, 7.1878



19.2296, 22.9398, 43.9714

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.



16.1827, 18.4078, 51.6936



23.0664, 18.4078, 7.1878



11.0708, 18.4078, 28.9278

Square

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



23.0664, 18.4078, 7.1878



12.0941, 18.4078, 8.7540



12.9035, 18.4078, 42.9792



24.3060, 18.4078, 38.3327

Rectangle

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



23.0664, 18.4078, 7.1878



16.1326, 18.4078, 4.9893



12.9035, 18.4078, 42.9792



18.9342, 18.4078, 51.6434

Sweetspot

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



23.0668, 18.4088, 7.1881



60.3602, 59.9034, 53.6349



24.3725, 14.7248, 27.0308



13.0589, 12.8289, 11.0983



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



23.0668, 18.4088, 7.1881



37.7936, 27.5013, 6.8643



29.9629, 32.2010, 9.4868



8.2037, 8.4122, 8.4047



13.6951, 8.5957, 0.9373



0.4308, 0.3387, 0.0427

Inverse Universe

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



19.2296, 22.9398, 43.9714



30.2634, 36.0578, 78.0017



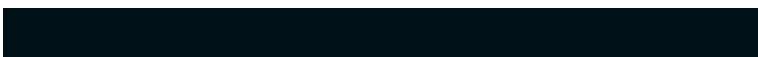
13.1961, 10.8728, 41.9602



8.0201, 8.6395, 10.1976



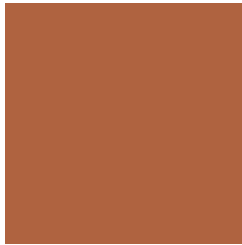
10.3920, 11.9179, 30.7972



0.3352, 0.4238, 0.8721

Previews

White Background



This preview shows how the XYZ color 23.0664, 18.4078, 7.1878 looks on a white background.

Color Contrast Check

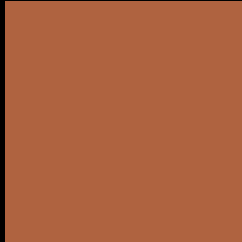
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0664, 18.4078, 7.1878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

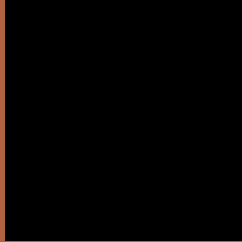
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.0664, 18.4078, 7.1878

Background



This preview shows how black text looks on a background with the XYZ color 23.0664, 18.4078, 7.1878.



This preview shows how white text looks on a background with the XYZ color 23.0664, 18.4078,

7.1878.

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

23.0664, 18.4078, 7.1878

Protanopia

17.0942, 18.4739, 8.6261

Deuteranopia

18.8922, 18.5746, 7.0044



Tritanopia

24.4831, 18.2921, 14.5522

Trichromacy



Original Color

23.0664, 18.4078, 7.1878

Protanomaly

18.8702, 18.2087, 7.9889

Deuteranomaly

20.2428, 18.4532, 7.0523

Tritanomaly

23.8488, 18.3004, 11.5079

Monochromacy



Original Color

23.0664, 18.4078, 7.1878

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.5365, 17.7397, 14.0024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0664, 18.4078, 7.1878 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(175, 99, 64)` looks like.

```
.text, #text, p{  
    color:rgb(175, 99, 64)  
}
```

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(175, 99, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 99, 64) }
```

Border

The CSS property to change the border of an element to XYZ 23.0664, 18.4078, 7.1878 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(175, 99, 64) }
```


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

```
.border{ border-color:rgb(175, 99, 64) }
```

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

Here you see how a box with a 4 pixel rgb(175, 99, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 99, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 99, 64);  
box-shadow:4px 4px 4px 4px rgb(175, 99,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0664, 18.4078, 7.1878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 99, 64) }
```

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

```
.background{ background-color: rgb(175, 99,  
64) }
```

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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