

Converting Colors

XYZ(23.9459, 19.3278, 10.8255)

Have a look what the booklet for
XYZ(23.9459, 19.3278, 10.8255)
contains.

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Color

**XYZ(23.9060, 19.3393,
10.8604)**

Conversions

Conversions Part 1

Format	Color
Hex	AE6754
RGB	174, 103, 84
RGB Percent	68%, 40%, 33%
CMY	0.3176, 0.5961, 0.6706
CMYK	0.00, 0.41, 0.52, 0.32
HSL	13°, 36%, 51%
HSV	13°, 52%, 68%
XYZ	23.9060, 19.3393, 10.8604
YIQ	122.0630, 48.4150, 9.1430

Conversions

Conversions Part 2

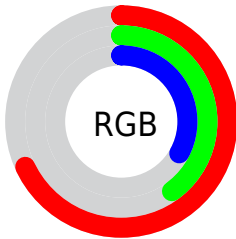
Format	Color
RYB	174, 108, 84
Decimal	11429716
CIELab	51.08, 26.47, 22.91
CIELCh	51, 35.005, 40.871
Yxy	19.3393, 0.4418, 0.3574
Android (android.graphics.Color)	4289619796 (0xFFAE6754)
YUV	122.0630, -18.7651, 45.5487
Hunter-Lab	43.9765, 20.0754, 16.1413

Details

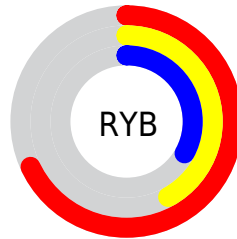
The XYZ color **23.9060, 19.3393, 10.8604** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **23.0167, 28.3819, 44.3092**, and the grayscale version is **18.5681, 19.5350, 21.2737**.

A 20% lighter version of the original color is **49.3031, 42.3197, 28.1242**, and **9.2036, 6.7304, 2.7335** is the 20% darker color. If you saturate the color by 10%, you get **22.0523, 16.5905, 7.2877**, and if you desaturate by 10%, it is **26.1541, 22.6061, 15.4001**.

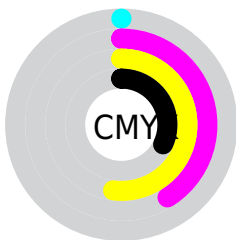
Distribution



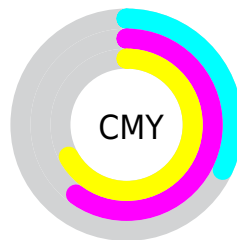
- Red (68%)
- Green (40%)
- Blue (33%)



- Red (68%)
- Yellow (42%)
- Blue (33%)



- Cyan (0%)
- Magenta (41%)
- Yellow (52%)
- Black (32%)



- Cyan (32%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9060, 19.3393, 10.8604 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 23.9060, 19.3393, 10.8604 by changing the saturation by 10% instead.

■ 23.9060, 19.3393,
10.8604

■ 23.9060, 19.3393,
10.8604

264.7942,
248.3155, 207.4102

■ 15.3883, 11.9157,
5.8601

■ 49.3326, 42.3067,
28.0344

■ 9.1804, 6.6863,
2.6928

■ 66.9721, 58.6192,
41.0452

■ 4.9171, 3.2667,
0.9398

■ 88.3829, 78.6635,
57.5632

■ 2.2330, 1.2725,
0.0000

■ 113.9304,
102.8240, 78.0069

■ 0.7600, 0.1198,
0.0000

■ 143.9800,
131.4851, 102.7949

■ 0.0000, 0.0000,
0.0000

178.8969,

165.0311, 132.3458

219.0465,
203.8464, 167.0781

■ 23.9060, 19.3393,
10.8604

■ 23.9060, 19.3393,
10.8604

■ 22.0523, 16.5905,
7.2877

■ 26.1541, 22.6061,
15.4001

■ 20.5679, 14.3297,
4.6099

■ 28.8168, 26.4128,
20.9695

■ 19.4267, 12.5284,
2.7467

■ 31.9146, 30.7837,
27.6272

■ 18.5986, 11.1537,
1.6025

■ 35.4662, 35.7408,
35.4272

■ 18.1090, 10.3058,
1.0348

■ 39.4891, 41.3048,
44.4198

■ 44.0001, 47.4953,
54.6522

■ 49.0148, 54.3313,
66.1692

■ 54.5485, 61.8306,
79.0134

■ 60.6155, 70.0107,
93.2252

Harmonies

Analogous

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



25.7480, 19.3393, 17.6533



23.9060, 19.3393, 10.8604



20.6571, 19.3393, 7.6664

Triad

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



23.9060, 19.3393, 10.8604



12.7680, 19.3393, 15.3926



19.6695, 19.3393, 45.9676

Complementary

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



23.9060, 19.3393, 10.8604



23.0167, 28.3819, 44.3092

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.



16.2793, 19.3393, 44.7787



23.9060, 19.3393, 10.8604



12.5738, 19.3393, 24.8728

Square

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



23.9060, 19.3393, 10.8604



14.3499, 19.3393, 9.6558



13.7812, 19.3393, 36.2096



23.1051, 19.3393, 39.0766

Rectangle

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



23.9060, 19.3393, 10.8604



18.2801, 19.3393, 7.1416



13.7812, 19.3393, 36.2096



18.4831, 19.3393, 46.5436

Sweetspot

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



23.9065, 19.3403, 10.8608



61.2910, 60.5965, 57.5475



26.6265, 17.7397, 33.4731



13.3367, 13.0689, 12.1634



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.



23.9065, 19.3403, 10.8608



39.5923, 29.4786, 12.4583



29.4894, 30.5061, 12.7217



8.1372, 8.2793, 8.3825



13.1710, 7.5475, 0.7626



0.4048, 0.2868, 0.0340

Inverse Universe

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



23.0167, 28.3819, 44.3092



37.7384, 47.5736, 79.8305



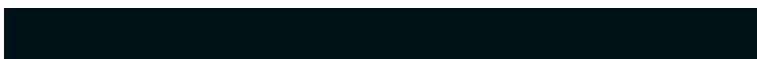
16.9807, 16.3098, 42.2972



8.0906, 8.7806, 10.2211



12.1002, 15.3342, 31.3666



0.3721, 0.4976, 0.8844

Previews

White Background



This preview shows how the XYZ color 23.9060, 19.3393, 10.8604 looks on a white background.

Color Contrast Check

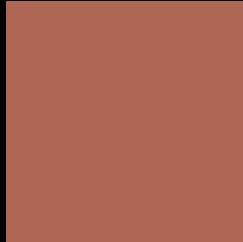
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9060, 19.3393, 10.8604 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 23.9060, 19.3393, 10.8604

Background



This preview shows how black text looks on a background with the XYZ color 23.9060, 19.3393, 10.8604.



This preview shows how white text looks on a background with the XYZ color 23.9060, 19.3393,

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

23.9060, 19.3393, 10.8604

Protanopia

18.2514, 19.5171, 12.9304

Deuteranopia

19.7006, 19.4277, 10.4962



Tritanopia

25.1155, 19.4060, 16.3319

Trichromacy



Original Color

23.9060, 19.3393, 10.8604

Protanomaly

19.9665, 19.1858, 12.1021

Deuteranomaly

21.0275, 19.2655, 10.5930

Tritanomaly

24.5850, 19.3222, 14.2382

Monochromacy



Original Color

23.9060, 19.3393, 10.8604

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.8220, 19.0069, 16.8113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9060, 19.3393, 10.8604 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(174, 103, 84)` looks like.

```
.text, #text, p{  
    color:rgb(174, 103, 84)  
}
```

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(174, 103, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 103, 84) }
```

Border

The CSS property to change the border of an element to XYZ 23.9060, 19.3393, 10.8604 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(174, 103, 84) }
```


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

```
.border{ border-color:rgb(174, 103, 84) }
```

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

Here you see how a box with a 4 pixel rgb(174, 103, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 103, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 103, 84);  
box-shadow:4px 4px 4px 4px rgb(174, 103,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9060, 19.3393, 10.8604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 103, 84) }
```

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

```
.background{ background-color: rgb(174,  
103, 84) }
```

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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