

Converting Colors

XYZ(23.6268, 19.8247, 8.6271)

Have a look what the booklet for
XYZ(23.6268, 19.8247, 8.6271)
contains.

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Color

**XYZ(23.6610, 19.8675,
8.7186)**

Conversions

Conversions Part 1

Format	Color
Hex	AD6B48
RGB	173, 107, 72
RGB Percent	68%, 42%, 28%
CMY	0.3216, 0.5804, 0.7176
CMYK	0.00, 0.38, 0.58, 0.32
HSL	21°, 41%, 48%
HSV	21°, 58%, 68%
XYZ	23.6610, 19.8675, 8.7186
YIQ	122.7440, 50.5710, 3.1070

Conversions

Conversions Part 2

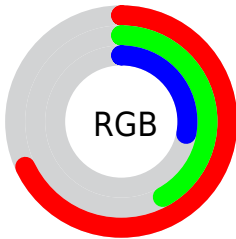
Format	Color
R_{YB}	173, 126, 72
Decimal	11365192
CIE _{Lab}	51.69, 22.78, 30.50
CIE _{LCh}	52, 38.067, 53.243
Yxy	19.8675, 0.4529, 0.3803
Android (android.graphics.Color)	4289555272 (0xFFAD6B48)
YUV	122.7440, -25.0168, 44.0745
Hunter-Lab	44.5730, 16.7518, 19.6038

Details

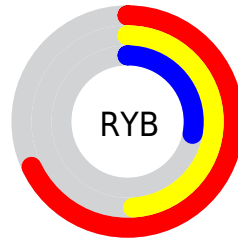
The XYZ color **23.6610, 19.8675, 8.7186** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **19.3033, 22.5707, 42.8743**, and the grayscale version is **18.8110, 19.7906, 21.5520**.

A 20% lighter version of the original color is **48.8043, 43.1657, 23.8487**, and **9.0979, 6.9890, 1.9064** is the 20% darker color. If you saturate the color by 10%, you get **22.0716, 17.4684, 5.7854**, and if you desaturate by 10%, it is **25.5643, 22.6403, 12.5402**.

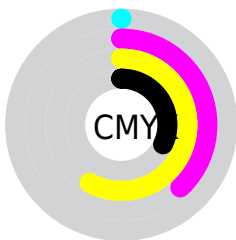
Distribution



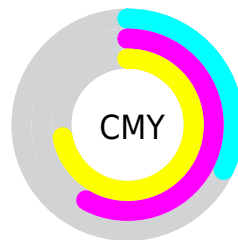
- Red (68%)
- Green (42%)
- Blue (28%)



- Red (68%)
- Yellow (49%)
- Blue (28%)



- Cyan (0%)
- Magenta (38%)
- Yellow (58%)
- Black (32%)



- Cyan (32%)
- Magenta (58%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6610, 19.8675, 8.7186 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 23.6610, 19.8675, 8.7186 by changing the saturation by 10% instead.

■ 23.6610, 19.8675,
8.7186

■ 23.6610, 19.8675,
8.7186

263.5745,
251.1969, 191.4047

■ 15.2057, 12.2988,
4.4638

■ 48.9351, 43.1949,
23.9246

■ 9.0511, 6.9475,
1.8831

■ 66.4847, 59.7224,
35.7129

■ 4.8319, 3.4293,
0.4819

■ 87.7964, 80.0049,
50.8494

■ 2.1827, 1.3597,
0.0000

■ 113.2356,
104.4269, 69.7528

■ 0.7336, 0.1868,
0.0000

■ 143.1677,
133.3727, 92.8414

■ 0.0000, 0.0000,
0.0000

177.9579,

167.2267, 120.5339

217.9718,
206.3733, 153.2488

■ 23.6610, 19.8675,
8.7186

■ 23.6610, 19.8675,
8.7186

■ 22.0716, 17.4684,
5.7854

■ 25.5643, 22.6403,
12.5402

■ 20.7750, 15.4227,
3.6654

■ 27.7977, 25.7999,
17.3149

■ 19.7493, 13.7123,
2.2724

■ 30.3781, 29.3624,
23.1024

■ 18.9600, 12.3126,
1.4577

■ 33.3205, 33.3418,
29.9572

■ 18.8472, 12.1115,
1.3444

■ 36.6391, 37.7517,
37.9300

■ 40.3473, 42.6048,
47.0681

■ 44.4577, 47.9134,
57.4162

■ 48.9824, 53.6893,
69.0164

■ 53.9330, 59.9439,
81.9090

Harmonies

Analogous

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



26.5217, 19.8675, 14.3077



23.6610, 19.8675, 8.7186



19.7665, 19.8675, 6.6849

Triad

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



23.6610, 19.8675, 8.7186



12.4533, 19.8675, 19.2361



21.9531, 19.8675, 47.4947

Complementary

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



23.6610, 19.8675, 8.7186



19.3033, 22.5707, 42.8743

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.



18.0271, 19.8675, 50.1983



23.6610, 19.8675, 8.7186



12.8736, 19.8675, 31.1076

Square

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



23.6610, 19.8675, 8.7186



13.5590, 19.8675, 11.2764



14.7966, 19.8675, 43.4104



25.4459, 19.8675, 36.9336

Rectangle

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



23.6610, 19.8675, 8.7186



17.2403, 19.8675, 6.8768



14.7966, 19.8675, 43.4104



20.6278, 19.8675, 49.4729

Sweetspot

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



23.6615, 19.8685, 8.7190



59.7128, 59.7636, 53.7401



24.2356, 15.3929, 26.2479



12.6384, 12.5331, 10.8808



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



23.6615, 19.8685, 8.7190



38.8175, 30.1806, 9.1402



30.3197, 33.1850, 10.9384



8.2238, 8.4524, 8.4114



13.8950, 8.9955, 1.0040



0.4385, 0.3542, 0.0453

Inverse Universe

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



19.3033, 22.5707, 42.8743



30.2128, 35.3425, 76.0352



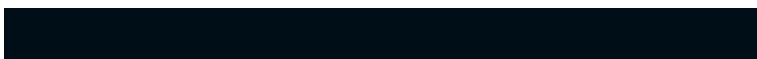
13.7740, 11.5121, 41.0312



7.9991, 8.5976, 10.1906



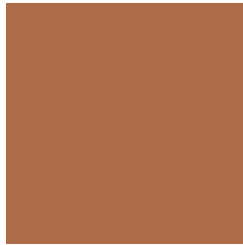
9.9379, 11.0096, 30.6458



0.3249, 0.4032, 0.8687

Previews

White Background



This preview shows how the XYZ color 23.6610, 19.8675, 8.7186 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 23.6610, 19.8675, 8.7186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

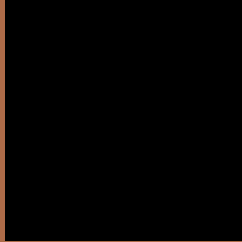
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.6610, 19.8675, 8.7186

Background



This preview shows how black text looks on a background with the XYZ color 23.6610, 19.8675, 8.7186.



This preview shows how white text looks on a background with the XYZ color 23.6610, 19.8675,

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

23.6610, 19.8675, 8.7186

Protanopia

18.5745, 20.1163, 10.1116

Deuteranopia

20.3464, 19.9784, 8.5782



Tritanopia

25.4703, 19.8586, 17.2425

Trichromacy



Original Color

23.6610, 19.8675, 8.7186

Protanomaly

20.1774, 19.8682, 9.6090

Deuteranomaly

21.4527, 19.8605, 8.6640

Tritanomaly

24.7408, 19.8591, 13.5955

Monochromacy



Original Color

23.6610, 19.8675, 8.7186

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.8445, 19.3848, 15.7924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6610, 19.8675, 8.7186 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(173, 107, 72)` looks like.

```
.text, #text, p{  
    color:rgb(173, 107, 72)  
}
```

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(173, 107, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 107, 72) }
```

Border

The CSS property to change the border of an element to XYZ 23.6610, 19.8675, 8.7186 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(173, 107, 72) }
```


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

```
.border{ border-color:rgb(173, 107, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 107, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 107, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 107, 72);  
box-shadow:4px 4px 4px 4px rgb(173, 107,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6610, 19.8675, 8.7186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 107, 72) }
```

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

```
.background{ background-color: rgb(173,  
107, 72) }
```

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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