

Converting Colors

XYZ(23.7043, 18.4187, 14.9330)

Have a look what the booklet for
XYZ(23.7043, 18.4187, 14.9330)
contains.

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Color

**XYZ(23.7792, 18.4653,
14.8812)**

Conversions

Conversions Part 1

Format	Color
Hex	AC6266
RGB	172, 98, 102
RGB Percent	67%, 38%, 40%
CMY	0.3255, 0.6157, 0.6000
CMYK	0.00, 0.43, 0.41, 0.33
HSL	357°, 31%, 53%
HSV	357°, 43%, 67%
XYZ	23.7792, 18.4653, 14.8812
YIQ	120.5820, 42.8200, 16.9320

Conversions

Conversions Part 2

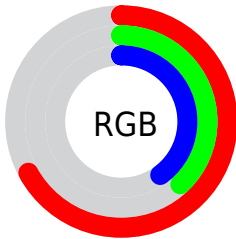
Format	Color
R_{YB}	172, 98, 102
Decimal	11297382
CIE Lab	50.06, 30.33, 10.87
CIE LCh	50, 32.223, 19.712
Yxy	18.4653, 0.4163, 0.3232
Android (android.graphics.Color)	4289487462 (0xFFAC6266)
YUV	120.5820, -9.1609, 45.0936
Hunter-Lab	42.9713, 23.5776, 9.5474

Details

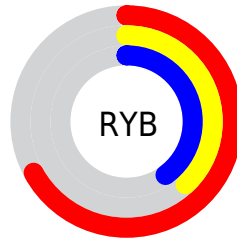
The XYZ color **23.7792, 18.4653, 14.8812** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.8583, 34.9293, 42.3742**, and the grayscale version is **18.0586, 18.9990, 20.6899**.

A 20% lighter version of the original color is **49.2892, 40.9356, 35.4405**, and **9.1240, 6.2544, 4.3408** is the 20% darker color. If you saturate the color by 10%, you get **21.6100, 15.2941, 10.5601**, and if you desaturate by 10%, it is **26.4536, 22.3933, 20.1524**.

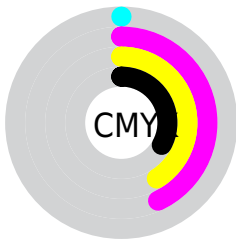
Distribution



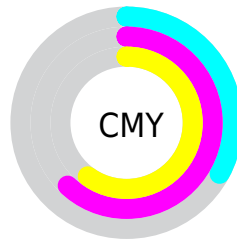
- Red (67%)
- Green (38%)
- Blue (40%)



- Red (67%)
- Yellow (38%)
- Blue (40%)



- Cyan (0%)
- Magenta (43%)
- Yellow (41%)
- Black (33%)



- Cyan (33%)
- Magenta (62%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7792, 18.4653, 14.8812 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 23.7792, 18.4653, 14.8812 by changing the saturation by 10% instead.

■ 23.7792, 18.4653,
14.8812

■ 23.7792, 18.4653,
14.8812

264.1635,
243.4808, 234.2620

■ 15.2938, 11.2846,
8.5904

■ 49.1269, 40.8286,
35.3840

■ 9.1135, 6.2586,
4.3818

■ 66.7200, 56.7800,
50.4330

■ 4.8730, 3.0029,
1.8371

■ 88.0796, 76.4236,
69.2385

■ 2.2069, 1.1333,
0.4522

■ 113.5711,
100.1440, 92.2190

■ 0.7464, 0.0062,
0.0000

143.5599,
128.3256, 119.7931

■ 0.0000, 0.0000,
0.0000

178.4113,

161.3526, 152.3792

218.4907,
199.6095, 190.3960

■ 23.7792, 18.4653,
14.8812

■ 23.7792, 18.4653,
14.8812

■ 21.6100, 15.2941,
10.5601

■ 26.4536, 22.3933,
20.1524

■ 19.9129, 12.8284,
7.1317

■ 29.6606, 27.1196,
26.4246

■ 18.6531, 11.0152,
4.5338


■ 33.4275, 32.6857,
33.7462


■ 17.7903, 9.7925,
2.6958

■ 37.7792, 39.1298,
42.1622


■ 17.2769, 9.0865,
1.5356


■ 42.7391, 46.4874,
51.7149

 17.0641, 8.7910,
1.0642

 48.3295, 54.7922,
62.4444

 54.5713, 64.0763,
74.3889

 61.4847, 74.3700,
87.5848

 69.0887, 85.7027,
102.0670

Harmonies

Analogous

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



24.0908, 18.4653, 23.3099



23.7792, 18.4653, 14.8812



21.6927, 18.4653, 9.6952

Triad

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



23.7792, 18.4653, 14.8812



13.3864, 18.4653, 10.9663



16.5079, 18.4653, 42.0050

Complementary

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



23.7792, 18.4653, 14.8812



26.8583, 34.9293, 42.3742

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.



13.9727, 18.4653, 36.1350



23.7792, 18.4653, 14.8812



12.3163, 18.4653, 17.2093

Square

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



23.7792, 18.4653, 14.8812



15.6166, 18.4653, 7.9392



12.5175, 18.4653, 26.4286



19.6383, 18.4653, 40.8301

Rectangle

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



23.7792, 18.4653, 14.8812



19.6990, 18.4653, 7.9708



12.5175, 18.4653, 26.4286



15.5646, 18.4653, 40.7362

Sweetspot

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



23.7797, 18.4662, 14.8816



60.4864, 59.0660, 60.9182



27.7650, 19.9376, 41.4147



12.8078, 12.3376, 12.5847



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.



23.7797, 18.4662, 14.8816



39.2349, 27.7910, 19.2199



27.2099, 25.6363, 15.0706



8.0221, 8.0221, 8.4273



12.7052, 6.5446, 0.8269



0.3590, 0.1843, 0.0522

Inverse Universe

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



23.7797, 18.4662, 14.8816



39.2349, 27.7910, 19.2199



21.8525, 24.3128, 42.5708



8.0221, 8.0221, 8.4273



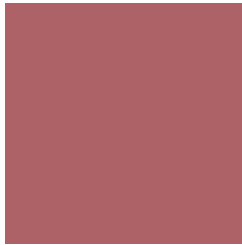
12.7052, 6.5446, 0.8269



0.3590, 0.1843, 0.0522

Previews

White Background



This preview shows how the XYZ color 23.7792, 18.4653, 14.8812 looks on a white background.

Color Contrast Check

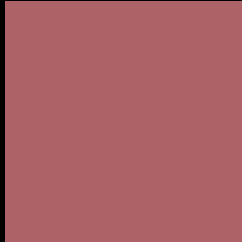
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.7792, 18.4653, 14.8812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

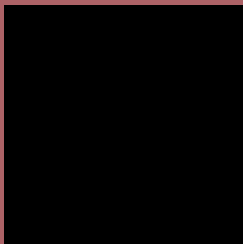
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.7792, 18.4653, 14.8812

Background



This preview shows how black text looks on a background with the XYZ color 23.7792, 18.4653, 14.8812.



This preview shows how white text looks on a background with the XYZ color 23.7792, 18.4653,

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

23.7792, 18.4653, 14.8812

Protanopia

17.7458, 18.5969, 18.2770

Deuteranopia

18.8641, 18.5656, 14.3937



Tritanopia

23.9307, 18.5259, 15.6792

Trichromacy



Original Color

23.7792, 18.4653, 14.8812

Protanomaly

19.4293, 18.1357, 16.9445

Deuteranomaly

20.3466, 18.3414, 14.5245

Tritanomaly

23.8796, 18.5055, 15.4100

Monochromacy



Original Color

23.7792, 18.4653, 14.8812

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.7576, 18.6006, 18.4685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7792, 18.4653, 14.8812 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(172, 98, 102)` looks like.

```
.text, #text, p{  
    color:rgb(172, 98, 102)  
}
```

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(172, 98, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 98, 102) }
```

Border

The CSS property to change the border of an element to XYZ 23.7792, 18.4653, 14.8812 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(172, 98, 102) }
```


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

```
.border{ border-color:rgb(172, 98, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 98, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 98, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 98, 102); box-shadow:4px 4px 4px 4px rgb(172, 98, 102) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7792, 18.4653, 14.8812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 98, 102) }
```

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

```
.background{ background-color: rgb(172, 98,  
102) }
```

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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