

Converting Colors

XYZ(23.6777, 20.6524, 19.2295)

Have a look what the booklet for
XYZ(23.6777, 20.6524, 19.2295)
contains.

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Color

**XYZ(23.5547, 20.5448,
19.2471)**

Conversions

Conversions Part 1

Format	Color
Hex	A07174
RGB	160, 113, 116
RGB Percent	63%, 44%, 45%
CMY	0.3725, 0.5568, 0.5451
CMYK	0.00, 0.29, 0.27, 0.37
HSL	356°, 20%, 54%
HSV	356°, 29%, 63%
XYZ	23.5547, 20.5448, 19.2471
YIQ	127.3950, 27.0490, 10.8970

Conversions

Conversions Part 2

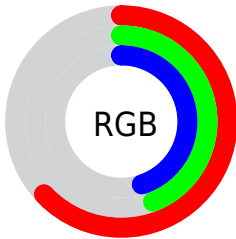
Format	Color
R_{YB}	160, 113, 116
Decimal	10514804
CIE _{Lab}	52.45, 19.03, 5.77
CIE _{LCh}	52, 19.885, 16.864
Yxy	20.5448, 0.3718, 0.3243
Android (android.graphics.Color)	4288704884 (0xFFA07174)
YUV	127.3950, -5.6177, 28.5946
Hunter-Lab	45.3264, 13.4397, 6.5519

Details

The XYZ color **23.5547, 20.5448, 19.2471** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.4675, 31.0871, 36.5579**, and the grayscale version is **20.3214, 21.3797, 23.2825**.

A 20% lighter version of the original color is **48.8419, 44.3364, 43.0293**, and **8.9971, 7.3237, 6.4083** is the 20% darker color. If you saturate the color by 10%, you get **21.1223, 16.9638, 14.4784**, and if you desaturate by 10%, it is **26.4435, 24.8134, 24.8616**.

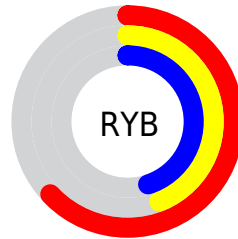
Distribution



Red (63%)

Green (44%)

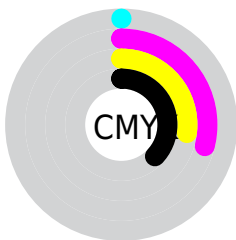
Blue (45%)



Red (63%)

Yellow (44%)

Blue (45%)

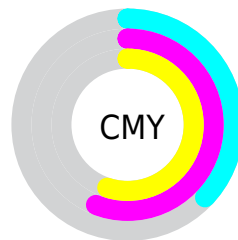


Cyan (0%)

Magenta (29%)

Yellow (27%)

Black (37%)



Cyan (37%)


Magenta (56%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5547, 20.5448, 19.2471 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 23.5547, 20.5448, 19.2471 by changing the saturation by 10% instead.


 23.5547, 20.5448,
19.2471


 23.5547, 20.5448,
19.2471


263.0438,
254.8494, 260.2775

 15.1266, 12.7917,
11.6703


 48.7625, 44.3287,
42.9935


 8.9952, 7.2853,
6.3998


 66.2730, 61.1283,
60.0002

 4.7951, 3.6411,
3.0170

 87.5415, 81.7121,
80.9873

 2.1611, 1.4749,
1.1033

 112.9336,
106.4647, 106.3733

 0.7221, 0.2710,
0.0000

142.8145,
135.7703, 136.5768

 0.0000, 0.0000,
0.0000

177.5496,

170.0133, 172.0163

217.5043,
209.5782, 213.1104

■ 23.5547, 20.5448,
19.2471

■ 23.5547, 20.5448,
19.2471

■ 21.1223, 16.9638,
14.4784

■ 26.4435, 24.8134,
24.8616

■ 19.1213, 14.0316,
10.5134

■ 29.8085, 29.7998,
31.3589

■ 17.5271, 11.7104,
7.3082

■ 33.6706, 35.5359,
38.7751

■ 16.3115, 9.9569,
4.8140

■ 38.0488, 42.0510,
47.1441

■ 15.4432, 8.7223,
2.9768

■ 42.9611, 49.3726,
56.4980

■ 14.8856, 7.9497,
1.7344

■ 48.4247, 57.5270,
66.8674

■ 14.5694, 7.5199,
1.0045

■ 54.4560, 66.5393,
78.2816

■ 14.5531, 7.4959,
0.9728

■ 61.0707, 76.4335,
90.7687

■ 67.6412, 85.9472,
104.1415

Harmonies

Analogous

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



23.6301, 20.5448, 25.0392



23.5547, 20.5448, 19.2471



22.3531, 20.5448, 15.0912

Triad

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



23.5547, 20.5448, 19.2471



16.7854, 20.5448, 15.4949



18.6436, 20.5448, 35.2874

Complementary

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



23.5547, 20.5448, 19.2471



25.4675, 31.0871, 36.5579

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.



16.9501, 20.5448, 31.6776



23.5547, 20.5448, 19.2471



15.9290, 20.5448, 19.8972

Square

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



23.5547, 20.5448, 19.2471



18.4040, 20.5448, 13.1995



15.9872, 20.5448, 25.8132



20.6952, 20.5448, 35.0300

Rectangle

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



23.5547, 20.5448, 19.2471



21.1200, 20.5448, 13.4994



15.9872, 20.5448, 25.8132



18.0166, 20.5448, 34.4625

Sweetspot

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



23.5553, 20.5458, 19.2475



54.2542, 54.3015, 57.1899



26.1295, 21.5040, 36.0312



11.7023, 11.6177, 12.1643



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.5553, 20.5458, 19.2475



39.8916, 33.0649, 29.3161



25.9162, 25.5422, 19.1882



6.6494, 6.6527, 7.0047



11.3430, 5.8418, 0.7912



0.2073, 0.1062, 0.0376

Inverse Universe

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



23.5553, 20.5458, 19.2475



39.8916, 33.0649, 29.3161



22.4806, 24.6988, 36.8402



6.6494, 6.6527, 7.0047



11.3430, 5.8418, 0.7912



0.2073, 0.1062, 0.0376

Previews

White Background



This preview shows how the XYZ color 23.5547, 20.5448, 19.2471 looks on a white background.

Color Contrast Check

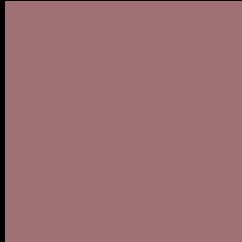
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5547, 20.5448, 19.2471 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 23.5547, 20.5448, 19.2471

Background



This preview shows how black text looks on a background with the XYZ color 23.5547, 20.5448, 19.2471.



This preview shows how white text looks on a background with the XYZ color 23.5547, 20.5448,

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

23.5547, 20.5448, 19.2471

Protanopia

19.8109, 20.6865, 21.6876

Deuteranopia

21.0872, 20.6633, 19.0967



Tritanopia

23.9433, 20.5459, 20.7930

Trichromacy



Original Color

23.5547, 20.5448, 19.2471

Protanomaly

21.0428, 20.6063, 20.6376

Deuteranomaly

21.9674, 20.5842, 19.0350

Tritanomaly

23.8219, 20.4973, 20.1536

Monochromacy



Original Color

23.5547, 20.5448, 19.2471

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.1821, 20.8381, 21.6446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5547, 20.5448, 19.2471 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(160, 113, 116)` looks like.

```
.text, #text, p{  
    color:rgb(160, 113, 116)  
}
```

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(160, 113, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 113, 116) }
```

Border

The CSS property to change the border of an element to XYZ 23.5547, 20.5448, 19.2471 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(160, 113, 116) }
```


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

```
.border{ border-color:rgb(160, 113, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 113, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 113, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 113, 116);  
box-shadow:4px 4px 4px 4px rgb(160, 113,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5547, 20.5448, 19.2471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 113, 116) }
```

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

```
.background{ background-color: rgb(160,  
113, 116) }
```

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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