

Converting Colors

XYZ(23.6445, 20.4264, 19.2195)

Have a look what the booklet for
XYZ(23.6445, 20.4264, 19.2195)
contains.

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Color

**XYZ(23.6445, 20.4264,
19.2195)**

Conversions

Conversions Part 1

Format	Color
Hex	A17074
RGB	161, 112, 116
RGB Percent	63%, 44%, 45%
CMY	0.3686, 0.5608, 0.5451
CMYK	0.00, 0.30, 0.28, 0.37
HSL	355°, 21%, 54%
HSV	355°, 30%, 63%
XYZ	23.6445, 20.4264, 19.2195
YIQ	127.1070, 27.9200, 11.6320

Conversions

Conversions Part 2

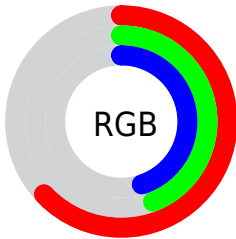
Format	Color
R_{YB}	161, 112, 116
Decimal	10580084
CIE _{Lab}	52.32, 20.00, 5.60
CIE _{LCh}	52, 20.764, 15.632
Yxy	20.4264, 0.3736, 0.3227
Android (android.graphics.Color)	4288770164 (0xFFA17074)
YUV	127.1070, -5.4758, 29.7242
Hunter-Lab	45.1956, 14.2917, 6.4237

Details

The XYZ color **23.6445, 20.4264, 19.2195** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.5136, 31.3692, 36.6101**, and the grayscale version is **20.2216, 21.2747, 23.1681**.

A 20% lighter version of the original color is **48.9586, 44.1298, 42.9833**, and **9.0611, 7.2723, 6.3950** is the 20% darker color. If you saturate the color by 10%, you get **21.2316, 16.8692, 14.5040**, and if you desaturate by 10%, it is **26.5131, 24.6756, 24.7628**.

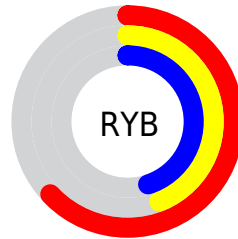
Distribution



Red (63%)

Green (44%)

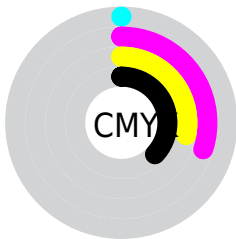
Blue (45%)



Red (63%)

Yellow (44%)

Blue (45%)

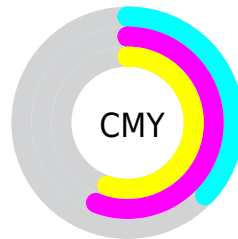


Cyan (0%)

Magenta (30%)

Yellow (28%)

Black (37%)



Cyan (37%)


Magenta (56%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.6445, 20.4264, 19.2195 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 23.6445, 20.4264, 19.2195 by changing the saturation by 10% instead.


 23.6445, 20.4264,
19.2195

 23.6445, 20.4264,
19.2195


263.4922,
254.2142, 260.1208


 15.1934, 12.7054,
11.6506


 48.9084, 44.1309,
42.9463


 9.0424, 7.2260,
6.3866


 66.4519, 60.8832,
59.9413

 4.8262, 3.6038,
3.0090

 87.7569, 81.4147,
80.9153

 2.1794, 1.4545,
1.0992

 113.1888,
106.1098, 106.2870

 0.7318, 0.2564,
0.0000

143.1129,
135.3529, 136.4748

 0.0000, 0.0000,
0.0000

177.8946,

169.5284, 171.8974

217.8992,
209.0207, 212.9732

■ 23.6445, 20.4264,
19.2195

■ 23.6445, 20.4264,
19.2195

■ 21.2316, 16.8692,
14.5040

■ 26.5131, 24.6756,
24.7628

■ 19.2493, 13.9646,
10.5755

■ 29.8575, 29.6477,
31.1698

■ 17.6727, 11.6738,
7.3914

■ 33.6984, 35.3751,
38.4756


■ 16.4737, 9.9527,
4.9046


■ 38.0551, 41.8876,
46.7130


■ 15.6203, 8.7513,
3.0627

■ 42.9457, 49.2131,
55.9134


 15.0756, 8.0107,
1.8056

 48.3873, 57.3785,
66.1064

 14.7715, 7.6065,
1.0749

 54.3966, 66.4091,
77.3204

 60.9891, 76.3295,
89.5829

 67.5696, 85.9417,
102.7165

Harmonies

Analogous

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



23.6713, 20.4264, 25.2891



23.6445, 20.4264, 19.2195



22.4305, 20.4264, 14.8475

Triad

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



23.6445, 20.4264, 19.2195



16.6242, 20.4264, 14.9882



18.4133, 20.4264, 35.6920

Complementary

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



23.6445, 20.4264, 19.2195



25.5136, 31.3692, 36.6101

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.



16.6821, 20.4264, 31.7536



23.6445, 20.4264, 19.2195



15.7016, 20.4264, 19.4480

Square

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



23.6445, 20.4264, 19.2195



18.3289, 20.4264, 12.7278



15.7220, 20.4264, 25.5634



20.5426, 20.4264, 35.6000

Rectangle

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



23.6445, 20.4264, 19.2195



21.1590, 20.4264, 13.1548



15.7220, 20.4264, 25.5634



17.7690, 20.4264, 34.7681

Sweetspot

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



23.6451, 20.4274, 19.2199



54.2912, 54.3163, 57.3850



26.1161, 21.3223, 36.4574



11.7115, 11.6214, 12.2126



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.



23.6451, 20.4274, 19.2199



39.1285, 31.8363, 28.1441



25.9311, 25.3635, 18.8594



7.0961, 7.0949, 7.4927



11.8043, 6.0778, 0.8942



0.2546, 0.1303, 0.0535

Inverse Universe

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



23.6451, 20.4274, 19.2199



39.1285, 31.8363, 28.1441



22.5795, 24.9459, 37.3432



7.0961, 7.0949, 7.4927



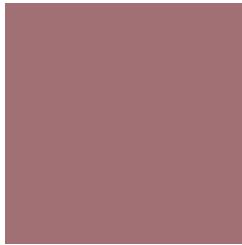
11.8043, 6.0778, 0.8942



0.2546, 0.1303, 0.0535

Previews

White Background



This preview shows how the XYZ color 23.6445, 20.4264, 19.2195 looks on a white background.

Color Contrast Check

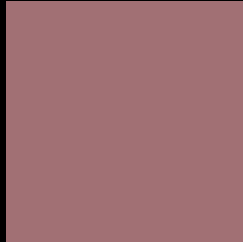
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6445, 20.4264, 19.2195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

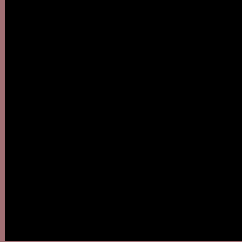
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.6445, 20.4264, 19.2195

Background



This preview shows how black text looks on a background with the XYZ color 23.6445, 20.4264, 19.2195.



This preview shows how white text looks on a background with the XYZ color 23.6445, 20.4264,

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

23.6445, 20.4264, 19.2195

Protanopia

19.8109, 20.6865, 21.6876

Deuteranopia

20.8591, 20.5524, 18.7872



Tritanopia

23.7725, 20.3020, 20.4350

Trichromacy



Original Color

23.6445, 20.4264, 19.2195

Protanomaly

20.9219, 20.3645, 20.5973

Deuteranomaly

21.7857, 20.4906, 19.0265

Tritanomaly

23.7122, 20.2779, 20.1170

Monochromacy



Original Color

23.6445, 20.4264, 19.2195

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 23.6445, 20.4264, 19.2195 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(161, 112, 116)` looks like.

```
.text, #text, p{  
    color:rgb(161, 112, 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(161, 112, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 112, 116) }
```

Border

The CSS property to change the border of an element to XYZ 23.6445, 20.4264, 19.2195 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(161, 112, 116) }
```


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

```
.border{ border-color:rgb(161, 112, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 112, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 112, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 112, 116);  
box-shadow:4px 4px 4px 4px rgb(161, 112,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6445, 20.4264, 19.2195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 112, 116) }
```

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

```
.background{ background-color: rgb(161,  
112, 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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