

Converting Colors

XYZ(28.4063, 23.6966, 20.8147)

Have a look what the booklet for
XYZ(28.4063, 23.6966, 20.8147)
contains.

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Color

**XYZ(28.3419, 23.6624,
20.8428)**

Conversions

Conversions Part 1

Format	Color
Hex	B37578
RGB	179, 117, 120
RGB Percent	70%, 46%, 47%
CMY	0.2980, 0.5412, 0.5294
CMYK	0.00, 0.35, 0.33, 0.30
HSL	357°, 29%, 58%
HSV	357°, 35%, 70%
XYZ	28.3419, 23.6624, 20.8428
YIQ	135.8800, 35.9890, 14.0770

Conversions

Conversions Part 2

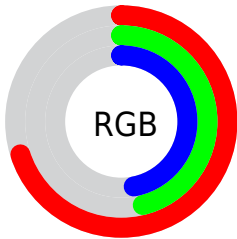
Format	Color
R_{YB}	179, 117, 120
Decimal	11761016
CIE _{Lab}	55.75, 24.78, 8.44
CIE _{LCh}	56, 26.179, 18.806
Yxy	23.6624, 0.3891, 0.3248
Android (android.graphics.Color)	4289951096 (0xFFB37578)
YUV	135.8800, -7.8288, 37.8162
Hunter-Lab	48.6440, 18.8740, 8.6465

Details

The XYZ color **28.3419, 23.6624, 20.8428** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.2938, 39.1573, 46.9853**, and the grayscale version is **23.3764, 24.5938, 26.7826**.

A 20% lighter version of the original color is **56.4132, 49.5609, 45.6226**, and **11.5490, 8.8872, 7.2376** is the 20% darker color. If you saturate the color by 10%, you get **25.5087, 19.5059, 15.2435**, and if you desaturate by 10%, it is **31.7591, 28.6923, 27.5447**.

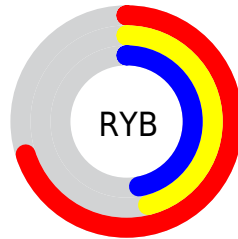
Distribution



Red (70%)

Green (46%)

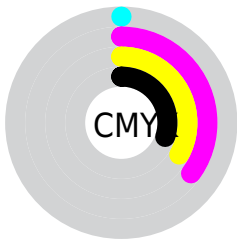
Blue (47%)



Red (70%)

Yellow (46%)

Blue (47%)

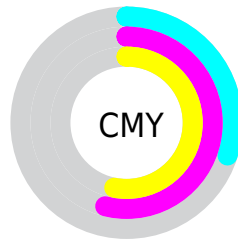


Cyan (0%)

Magenta (35%)

Yellow (33%)

Black (30%)



Cyan (30%)


Magenta (54%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3419, 23.6624, 20.8428 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 28.3419, 23.6624, 20.8428 by changing the saturation by 10% instead.


 28.3419, 23.6624,
20.8428


 28.3419, 23.6624,
20.8428


286.1476,
271.1092, 269.1954


 18.7253, 15.0834,
12.8190


 56.4347, 49.4787,
45.7032

 11.5748, 8.8779,
7.1748


 75.6416, 67.4848,
63.3768

 6.5250, 4.6616,
3.4915


 98.7760, 89.4020,
85.1042

 3.2105, 2.0501,
1.3508

126.2032,
115.6148, 111.3038

 1.2660, 0.6364,
0.1029

158.2886,
146.5075, 142.3942

 0.1576, 0.0000,
0.0000

195.3976,

 0.0000, 0.0000,

182.4646, 178.7939

0.0000

237.8955,
223.8703, 220.9214

■ 28.3419, 23.6624,
20.8428

■ 28.3419, 23.6624,
20.8428

■ 25.5087, 19.5059,
15.2435

■ 31.7591, 28.6923,
27.5447

■ 23.2251, 16.1699,
10.6865

■ 35.7884, 34.6379,
35.4023

■ 21.4558, 13.6010,
7.1077


■ 40.4585, 41.5425,
44.4671


■ 20.1611, 11.7382,
4.4355


■ 45.7955, 49.4461,
54.7870


■ 19.2949, 10.5113,
2.5885


■ 51.8242, 58.3862,
66.4072

 18.8022, 9.8352,
1.4707

 58.5682, 68.3983,
79.3708

 18.6378, 9.6027,
1.1196

 66.0498, 79.5163,
93.7189

 72.4005, 88.3237,
107.8400

Harmonies

Analogous

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



28.5715, 23.6624, 29.0721



28.3419, 23.6624, 20.8428



26.4657, 23.6624, 15.3116

Triad

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



28.3419, 23.6624, 20.8428



18.4605, 23.6624, 16.4229



21.3997, 23.6624, 45.3725

Complementary

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



28.3419, 23.6624, 20.8428



31.2938, 39.1573, 46.9853

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.



18.9345, 23.6624, 40.1373



28.3419, 23.6624, 20.8428



17.3399, 23.6624, 22.7175

Square

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



28.3419, 23.6624, 20.8428



20.6990, 23.6624, 13.1749



17.5054, 23.6624, 31.4053



24.3823, 23.6624, 44.5578

Rectangle

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



28.3419, 23.6624, 20.8428



24.6191, 23.6624, 13.3246



17.5054, 23.6624, 31.4053



20.4881, 23.6624, 44.2227

Sweetspot

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



28.3425, 23.6635, 20.8433



67.6861, 67.3405, 70.3814



32.3806, 25.1969, 45.8048



14.7429, 14.5454, 15.1017



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



28.3425, 23.6635, 20.8433



46.5838, 36.2505, 29.0825



31.9122, 31.0893, 21.1500



8.5125, 8.5117, 8.9310



13.1774, 6.7885, 0.8281



0.4201, 0.2158, 0.0549

Inverse Universe

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



28.3425, 23.6635, 20.8433



46.5838, 36.2505, 29.0825



26.5566, 29.2031, 46.8850



8.5125, 8.5117, 8.9310



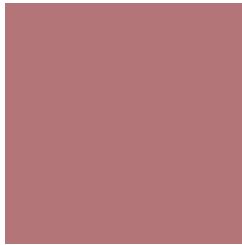
13.1774, 6.7885, 0.8281



0.4201, 0.2158, 0.0549

Previews

White Background



This preview shows how the XYZ color 28.3419, 23.6624, 20.8428 looks on a white background.

Color Contrast Check

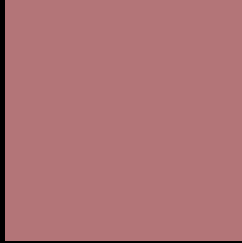
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3419, 23.6624, 20.8428 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 28.3419, 23.6624, 20.8428

Background



This preview shows how black text looks on a background with the XYZ color 28.3419, 23.6624, 20.8428.



This preview shows how white text looks on a background with the XYZ color 28.3419, 23.6624,

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

28.3419, 23.6624, 20.8428

Protanopia

22.8312, 23.7633, 24.1523

Deuteranopia

24.2571, 23.7808, 20.4512



Tritanopia

28.5375, 23.5552, 22.4445

Trichromacy



Original Color

28.3419, 23.6624, 20.8428

Protanomaly

24.4921, 23.4574, 22.9755

Deuteranomaly

25.5637, 23.6805, 20.6762

Tritanomaly

28.4109, 23.5045, 21.7783

Monochromacy



Original Color

28.3419, 23.6624, 20.8428

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.8284, 23.9876, 24.4406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3419, 23.6624, 20.8428 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(179, 117, 120)` looks like.

```
.text, #text, p{  
    color:rgb(179, 117, 120)  
}
```

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(179, 117, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 117, 120) }
```

Border

The CSS property to change the border of an element to XYZ 28.3419, 23.6624, 20.8428 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(179, 117, 120) }
```


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

```
.border{ border-color:rgb(179, 117, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 117, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 117, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 117, 120);  
box-shadow:4px 4px 4px 4px rgb(179, 117,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3419, 23.6624, 20.8428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 117, 120) }
```

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

```
.background{ background-color: rgb(179,  
117, 120) }
```

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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