

Converting Colors

XYZ(30.3851, 23.5055, 28.1152)

Have a look what the booklet for
XYZ(30.3851, 23.5055, 28.1152)
contains.

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Color

**XYZ(30.4997, 23.6063,
28.1483)**

Conversions

Conversions Part 1

Format	Color
Hex	B96F8D
RGB	185, 111, 141
RGB Percent	73%, 44%, 55%
CMY	0.2745, 0.5647, 0.4471
CMYK	0.00, 0.40, 0.24, 0.27
HSL	336°, 35%, 58%
HSV	336°, 40%, 73%
XYZ	30.4997, 23.6063, 28.1483
YIQ	136.5460, 34.4740, 25.0180

Conversions

Conversions Part 2

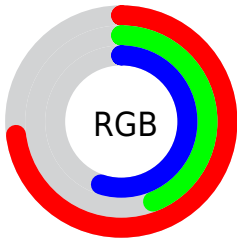
Format	Color
R _Y B	185, 111, 141
Decimal	12152717
CIE Lab	55.69, 33.30, -3.80
CIE LCh	56, 33.514, 353.487
Yxy	23.6063, 0.3708, 0.2870
Android (android.graphics.Color)	4290342797 (0xFFB96F8D)
YUV	136.5460, 2.1958, 42.4942
Hunter-Lab	48.5863, 27.0260, -0.3390

Details

The XYZ color **30.4997, 23.6063, 28.1483** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **29.8219, 40.4445, 37.2471**, and the grayscale version is **23.5903, 24.8188, 27.0277**.

A 20% lighter version of the original color is **59.7437, 49.3683, 58.0100**, and **12.7630, 8.8386, 10.9309** is the 20% darker color. If you saturate the color by 10%, you get **27.9079, 19.6681, 23.4446**, and if you desaturate by 10%, it is **33.5922, 28.4153, 33.4206**.

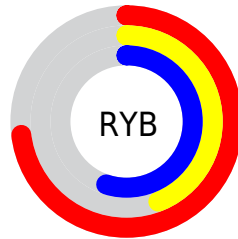
Distribution



Red (73%)

Green (44%)

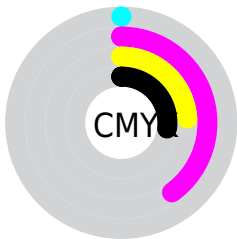
Blue (55%)



Red (73%)

Yellow (44%)

Blue (55%)

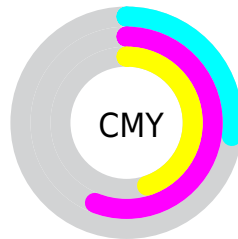


Cyan (0%)

Magenta (40%)

Yellow (24%)

Black (27%)



Cyan (27%)


Magenta (56%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4997, 23.6063, 28.1483 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 30.4997, 23.6063, 28.1483 by changing the saturation by 10% instead.

 30.4997, 23.6063,
28.1483


 30.4997, 23.6063,
28.1483


296.0950,
270.8240, 307.1091

 20.3681, 15.0418,
18.1975


 59.8328, 49.3870,
57.7471


 12.7727, 8.8487,
10.9209


 79.7650, 67.3720,
78.2321

 7.3482, 4.6427,
5.9002


 103.6947, 89.2659,
103.0656

 3.7290, 2.0392,
2.7167

 131.9875,
115.4532, 132.6661

 1.5500, 0.6301,
0.9518

165.0085,
146.3183, 167.4521

 0.3595, 0.0000,
0.0000

203.1232,

 0.0000, 0.0000,

182.2455, 207.8423

0.0000

246.6969,
223.6193, 254.2551

■ 30.4997, 23.6063,
28.1483

■ 30.4997, 23.6063,
28.1483

■ 27.9079, 19.6681,
23.4446

■ 33.5922, 28.4153,
33.4206

■ 25.7865, 16.5445,
19.2870

■ 37.2093, 34.1402,
39.2798

■ 24.1046, 14.1776,
15.6532


■ 41.3761, 40.8269,
45.7453


■ 22.8269, 12.5008,
12.5187


■ 46.1149, 48.5173,
52.8349


■ 21.9118, 11.4353,
9.8560

■ 51.4473, 57.2509,
60.5657


 21.2775, 10.8224,
7.6236

 57.3933, 67.0648,
68.9541

 21.2774, 10.8222,
7.6230

 63.9721, 77.9946,
78.0158

 69.9112, 87.4917,
87.3356

 71.4966, 88.1259,
95.6845

Harmonies

Analogous

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



28.8307, 23.6063, 40.2577



30.4997, 23.6063, 28.1483



29.8204, 23.6063, 18.2388

Triad

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



30.4997, 23.6063, 28.1483



19.6516, 23.6063, 10.9014



18.3678, 23.6063, 46.4344

Complementary

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



30.4997, 23.6063, 28.1483



29.8219, 40.4445, 37.2471

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.



16.3857, 23.6063, 34.9684



30.4997, 23.6063, 28.1483



17.0664, 23.6063, 15.1624

Square

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



30.4997, 23.6063, 28.1483



23.2753, 23.6063, 10.0244



15.9375, 23.6063, 23.4041



21.6192, 23.6063, 52.5734

Rectangle

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



30.4997, 23.6063, 28.1483



28.1612, 23.6063, 13.8329



15.9375, 23.6063, 23.4041



17.5465, 23.6063, 42.9430

Sweetspot

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



30.5004, 23.6074, 28.1488



72.3767, 70.3355, 79.2884



27.8006, 21.7594, 48.6337



15.3898, 14.8200, 16.7650



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



30.5004, 23.6074, 28.1488



50.4999, 36.0012, 42.9578



29.2584, 24.2247, 18.1742



9.1514, 9.0709, 10.1449



14.5221, 7.3826, 5.3704



0.5428, 0.2726, 0.3520

Inverse Universe

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



30.5004, 23.6074, 28.1488



50.4999, 36.0012, 42.9578



31.4000, 39.0562, 51.7826



9.1514, 9.0709, 10.1449



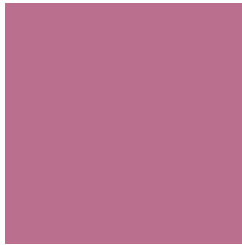
14.5221, 7.3826, 5.3704



0.5428, 0.2726, 0.3520

Previews

White Background



This preview shows how the XYZ color 30.4997, 23.6063, 28.1483 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 30.4997, 23.6063, 28.1483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

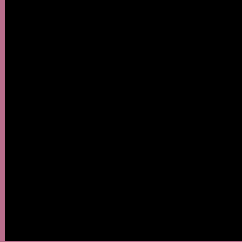
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.4997, 23.6063, 28.1483

Background



This preview shows how black text looks on a background with the XYZ color 30.4997, 23.6063, 28.1483.



This preview shows how white text looks on a background with the XYZ color 30.4997, 23.6063,

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

30.4997, 23.6063, 28.1483

Protanopia

23.5098, 23.8874, 34.3820

Deuteranopia

24.2471, 23.8200, 27.3645



Tritanopia

29.1209, 23.5320, 21.7462

Trichromacy



Original Color

30.4997, 23.6063, 28.1483

Protanomaly

25.4163, 23.3533, 32.0222

Deuteranomaly

26.2404, 23.5036, 27.5797

Tritanomaly

29.7016, 23.6123, 24.1113

Monochromacy



Original Color

30.4997, 23.6063, 28.1483

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.6330, 24.1433, 27.3539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4997, 23.6063, 28.1483 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(185, 111, 141)` looks like.

```
.text, #text, p{  
    color:rgb(185, 111, 141)  
}
```

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(185, 111, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 111, 141) }
```

Border

The CSS property to change the border of an element to XYZ 30.4997, 23.6063, 28.1483 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(185, 111, 141) }
```


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

```
.border{ border-color:rgb(185, 111, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 111, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 111, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 111, 141); box-shadow:4px 4px 4px 4px rgb(185, 111, 141) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4997, 23.6063, 28.1483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 111, 141) }
```

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

```
.background{ background-color: rgb(185,  
111, 141) }
```

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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