

Converting Colors

XYZ(30.0307, 23.1869, 21.6324)

Have a look what the booklet for
XYZ(30.0307, 23.1869, 21.6324)
contains.

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Color

**XYZ(30.0301, 23.1862,
21.6315)**

Conversions

Conversions Part 1

Format	Color
Hex	BD6D7B
RGB	189, 109, 123
RGB Percent	74%, 43%, 48%
CMY	0.2588, 0.5725, 0.5176
CMYK	0.00, 0.42, 0.35, 0.26
HSL	350°, 38%, 58%
HSV	350°, 42%, 74%
XYZ	30.0301, 23.1862, 21.6315
YIQ	134.5160, 43.1860, 21.3140

Conversions

Conversions Part 2

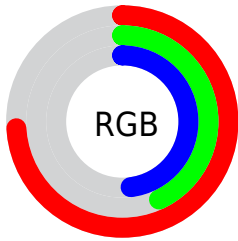
Format	Color
R_{YB}	189, 109, 123
Decimal	12414331
CIE _{Lab}	55.26, 33.38, 6.17
CIE _{LCh}	55, 33.941, 10.470
Yxy	23.1862, 0.4012, 0.3098
Android (android.graphics.Color)	4290604411 (0xFFBD6D7B)
YUV	134.5160, -5.6774, 47.7825
Hunter-Lab	48.1521, 27.0557, 7.0714

Details

The XYZ color **30.0301, 23.1862, 21.6315** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **32.2433, 42.7422, 47.1106**, and the grayscale version is **22.8598, 24.0503, 26.1908**.

A 20% lighter version of the original color is **59.0160, 48.7100, 46.8489**, and **12.4729, 8.6089, 7.4829** is the 20% darker color. If you saturate the color by 10%, you get **27.3267, 19.2191, 16.2919**, and if you desaturate by 10%, it is **33.3237, 28.0848, 27.9354**.

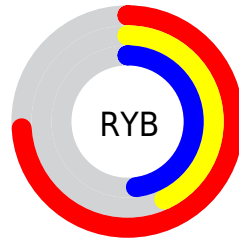
Distribution



Red (74%)

Green (43%)

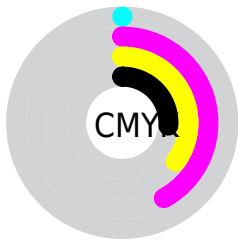
Blue (48%)



Red (74%)

Yellow (43%)

Blue (48%)

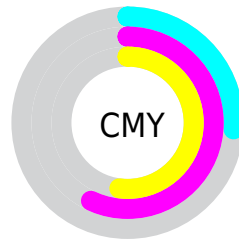


Cyan (0%)

Magenta (42%)

Yellow (35%)

Black (26%)



Cyan (26%)


Magenta (57%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.0301, 23.1862, 21.6315 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 30.0301, 23.1862, 21.6315 by changing the saturation by 10% instead.


 30.0301, 23.1862,
21.6315


 30.0301, 23.1862,
21.6315


293.9520,
268.6799, 273.5062


 20.0096, 14.7311,
13.3907


 59.0961, 48.6989,
47.0305


 12.5103, 8.6309,
7.5642

 78.8723, 66.5252,
65.0258

 7.1669, 4.5012,
3.7336


 102.6311, 88.2441,
87.1097

 3.6140, 1.9577,
1.4804

 130.7379,
114.2398, 113.7006

 1.4861, 0.5827,
0.2033

163.5581,
144.8969, 145.2172

 0.3164, 0.0000,
0.0000

201.4569,

 0.0000, 0.0000,

180.5997, 182.0780

0.0000

244.7998,
221.7326, 224.7015

■ 30.0301, 23.1862,
21.6315

■ 30.0301, 23.1862,
21.6315

■ 27.3267, 19.2191,
16.2919

■ 33.3237, 28.0848,
27.9354

■ 25.1763, 16.1209,
11.8673

■ 37.2382, 33.9652,
35.2471

■ 23.5402, 13.8270,
8.3059


■ 41.8040, 40.8783,
43.6086


■ 22.3738, 12.2621,
5.5500


■ 47.0494, 48.8705,
53.0596


■ 21.6245, 11.3364,
3.5344


■ 53.0006, 57.9854,
63.6373

 21.2618, 10.9290,
2.4326

 59.6828, 68.2640,
75.3774

 67.1196, 79.7454,
88.3139

 73.6505, 89.1005,
101.9183

 74.7963, 89.5588,
107.9521

Harmonies

Analogous

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



29.6645, 23.1862, 32.9055



30.0301, 23.1862, 21.6315



28.0754, 23.1862, 13.9558

Triad

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



30.0301, 23.1862, 21.6315



17.6283, 23.1862, 12.4404



19.6848, 23.1862, 50.5425

Complementary

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



30.0301, 23.1862, 21.6315



32.2433, 42.7422, 47.1106

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.



16.9345, 23.1862, 41.4051



30.0301, 23.1862, 21.6315



15.8450, 23.1862, 18.8779

Square

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



30.0301, 23.1862, 21.6315



20.7367, 23.1862, 9.7552



15.6065, 23.1862, 29.2419



23.3922, 23.1862, 51.9133

Rectangle

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



30.0301, 23.1862, 21.6315



25.8379, 23.1862, 11.0669



15.6065, 23.1862, 29.2419



18.6298, 23.1862, 48.1755

Sweetspot

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



30.0307, 23.1873, 21.6319



74.1008, 72.0434, 76.7036



32.1847, 23.6497, 51.0128



15.5289, 14.8764, 15.7548



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



30.0307, 23.1873, 21.6319



49.1642, 34.7448, 29.6256



32.3187, 29.0666, 18.3766



9.5965, 9.5629, 10.2641



14.3258, 7.3615, 1.7433



0.5824, 0.2969, 0.1803

Inverse Universe

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



30.0307, 23.1873, 21.6319



49.1642, 34.7448, 29.6256



28.7089, 33.3581, 53.0699



9.5965, 9.5629, 10.2641



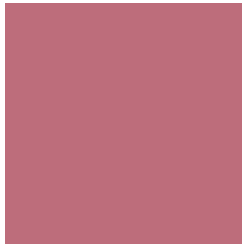
14.3258, 7.3615, 1.7433



0.5824, 0.2969, 0.1803

Previews

White Background



This preview shows how the XYZ color 30.0301, 23.1862, 21.6315 looks on a white background.

Color Contrast Check

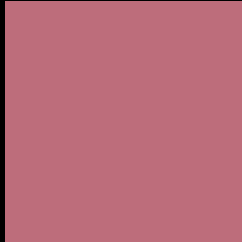
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0301, 23.1862, 21.6315 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 30.0301, 23.1862, 21.6315

Background



This preview shows how black text looks on a background with the XYZ color 30.0301, 23.1862, 21.6315.



This preview shows how white text looks on a background with the XYZ color 30.0301, 23.1862,

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

30.0301, 23.1862, 21.6315

Protanopia

22.5267, 23.3484, 26.6120

Deuteranopia

23.6870, 23.2784, 21.0140



Tritanopia

29.8322, 23.2787, 20.0604

Trichromacy



Original Color

30.0301, 23.1862, 21.6315

Protanomaly

24.6308, 22.9240, 24.5993

Deuteranomaly

25.5984, 22.9477, 21.1693

Tritanomaly

29.9524, 23.3267, 20.6931

Monochromacy



Original Color

30.0301, 23.1862, 21.6315

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

25.0752, 23.5290, 24.6927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0301, 23.1862, 21.6315 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(189, 109, 123)` looks like.

```
.text, #text, p{  
    color:rgb(189, 109, 123)  
}
```

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(189, 109, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 109, 123) }
```

Border

The CSS property to change the border of an element to XYZ 30.0301, 23.1862, 21.6315 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(189, 109, 123) }
```


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

```
.border{ border-color:rgb(189, 109, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 109, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 109, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 109, 123); box-shadow:4px 4px 4px 4px rgb(189, 109, 123) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0301, 23.1862, 21.6315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 109, 123) }
```

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

```
.background{ background-color: rgb(189,  
109, 123) }
```

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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