

Converting Colors

XYZ(22.9884, 16.1297, 21.2339)

Have a look what the booklet for
XYZ(22.9884, 16.1297, 21.2339)
contains.

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Color

**XYZ(23.0204, 16.1461,
21.3052)**

Conversions

Conversions Part 1

Format	Color
Hex	A8547D
RGB	168, 84, 125
RGB Percent	66%, 33%, 49%
CMY	0.3412, 0.6706, 0.5098
CMYK	0.00, 0.50, 0.26, 0.34
HSL	331°, 33%, 49%
HSV	331°, 50%, 66%
XYZ	23.0204, 16.1461, 21.3052
YIQ	113.7900, 36.9030, 30.5590

Conversions

Conversions Part 2

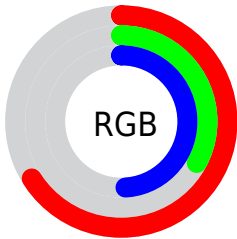
Format	Color
R_{YB}	168, 84, 125
Decimal	11031677
CIE _{Lab}	47.17, 39.40, -7.20
CIE _{LCh}	47, 40.058, 349.639
Yxy	16.1461, 0.3807, 0.2670
Android (android.graphics.Color)	4289221757 (0xFFA8547D)
YUV	113.7900, 5.5265, 47.5422
Hunter-Lab	40.1822, 31.9438, -3.3089

Details

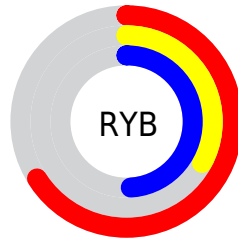
The XYZ color **23.0204, 16.1461, 21.3052** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **21.4903, 31.4228, 25.0127**, and the grayscale version is **15.9080, 16.7365, 18.2260**.

A 20% lighter version of the original color is **47.8914, 36.8302, 46.7043**, and **8.6584, 5.1202, 7.3694** is the 20% darker color. If you saturate the color by 10%, you get **21.3435, 13.6338, 18.1519**, and if you desaturate by 10%, it is **25.0585, 19.3044, 24.8140**.

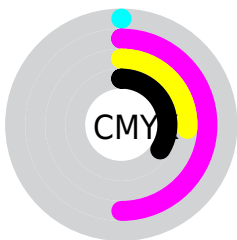
Distribution



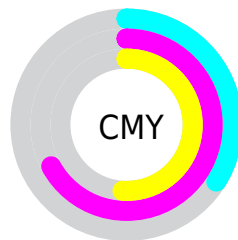
- Red (66%)
- Green (33%)
- Blue (49%)



- Red (66%)
- Yellow (33%)
- Blue (49%)



- Cyan (0%)
- Magenta (50%)
- Yellow (26%)
- Black (34%)



- Cyan (34%)
- Magenta (67%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0204, 16.1461, 21.3052 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 23.0204, 16.1461, 21.3052 by changing the saturation by 10% instead.

■ 23.0204, 16.1461,
21.3052

■ 23.0204, 16.1461,
21.3052

260.3631,
230.2023, 271.7302

■ 14.7293, 9.6276,
13.1539

■ 47.8932, 36.8517,
46.4823

■ 8.7147, 5.1527,
7.4026

■ 65.2057, 51.8075,
64.3451

■ 4.6112, 2.3372,
3.6329

■ 86.2561, 70.3446,
86.2822

■ 2.0534, 0.7933,
1.4262

■ 111.4096, 92.8473,
112.7121

■ 0.6637, 0.0000,
0.1620

■ 141.0318,
119.7000, 144.0532

■ 0.0000, 0.0000,
0.0000

175.4878,

151.2872, 180.7243

215.1432,
187.9931, 223.1438

■ 23.0204, 16.1461,
21.3052

■ 23.0204, 16.1461,
21.3052

■ 21.3435, 13.6338,
18.1519

■ 25.0585, 19.3044,
24.8140

■ 20.0026, 11.7193,
15.3393

■ 27.4781, 23.1478,
28.6902

■ 18.9709, 10.3511,
12.8525


■ 30.2994, 27.7150,
32.9464


■ 18.2170, 9.4681,
10.6744


■ 33.5410, 33.0412,
37.5939


■ 17.6715, 8.9341,
8.7754


■ 37.2201, 39.1591,
42.6438

 17.6713, 8.9340,
8.7749

 41.3529, 46.0996,
48.1063

 45.9548, 53.8920,
53.9917

 51.0406, 62.5641,
60.3094

 56.6241, 72.1423,
67.0688

Harmonies

Analogous

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



21.1080, 16.1461, 33.3733



23.0204, 16.1461, 21.3052



22.6508, 16.1461, 11.8333

Triad

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



23.0204, 16.1461, 21.3052



13.1806, 16.1461, 4.9082



11.3645, 16.1461, 36.8919

Complementary

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



23.0204, 16.1461, 21.3052



21.4903, 31.4228, 25.0127

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.



9.8100, 16.1461, 24.9394



23.0204, 16.1461, 21.3052



10.7420, 16.1461, 7.7723

Square

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



23.0204, 16.1461, 21.3052



16.5971, 16.1461, 4.5694



9.6011, 16.1461, 14.3171



14.1601, 16.1461, 44.4004

Rectangle

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



23.0204, 16.1461, 21.3052



21.1759, 16.1461, 7.8815



9.6011, 16.1461, 14.3171



10.6988, 16.1461, 33.0870

Sweetspot

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



23.0209, 16.1469, 21.3055



57.6634, 54.6814, 63.6786



18.8431, 13.6043, 38.6786



12.3141, 11.5016, 13.5127



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



23.0209, 16.1469, 21.3055



38.4332, 24.3053, 32.3459



20.9196, 15.3064, 10.2403



7.6780, 7.6010, 8.6213



13.3704, 6.7569, 6.7622



0.3512, 0.1748, 0.3011

Inverse Universe

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



23.0209, 16.1469, 21.3055



38.4332, 24.3053, 32.3459



24.7271, 32.7175, 42.0577



7.6780, 7.6010, 8.6213



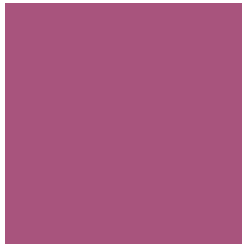
13.3704, 6.7569, 6.7622



0.3512, 0.1748, 0.3011

Previews

White Background



This preview shows how the XYZ color 23.0204, 16.1461, 21.3052 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

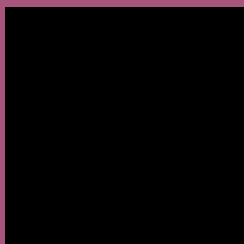
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.0204, 16.1461, 21.3052

Background



This preview shows how black text looks on a background with the XYZ color 23.0204, 16.1461, 21.3052.



This preview shows how white text looks on a background with the XYZ color 23.0204, 16.1461,

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

23.0204, 16.1461, 21.3052

Protanopia

16.3513, 16.2951, 28.2701

Deuteranopia

16.5276, 16.2397, 20.3526



Tritanopia

21.2845, 16.1562, 13.0630

Trichromacy



Original Color

23.0204, 16.1461, 21.3052

Protanomaly

17.8500, 15.5970, 25.3623

Deuteranomaly

18.3866, 15.8378, 20.5003

Tritanomaly

21.8695, 16.1480, 15.8741

Monochromacy



Original Color

23.0204, 16.1461, 21.3052

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

17.9518, 16.0768, 19.2965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0204, 16.1461, 21.3052 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(168, 84, 125)` looks like.

```
.text, #text, p{  
    color:rgb(168, 84, 125)  
}
```

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(168, 84, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 84, 125) }
```

Border

The CSS property to change the border of an element to XYZ 23.0204, 16.1461, 21.3052 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(168, 84, 125) }
```


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

```
.border{ border-color:rgb(168, 84, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 84, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 84, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 84, 125);  
box-shadow:4px 4px 4px 4px rgb(168, 84,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0204, 16.1461, 21.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 84, 125) }
```

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

```
.background{ background-color: rgb(168, 84,  
125) }
```

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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