

Converting Colors

XYZ(23.1358, 15.0557, 21.0810)

Have a look what the booklet for
XYZ(23.1358, 15.0557, 21.0810)
contains.

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Color

**XYZ(23.0975, 15.0164,
21.0831)**

Conversions

Conversions Part 1

Format	Color
Hex	AC497D
RGB	172, 73, 125
RGB Percent	67%, 29%, 49%
CMY	0.3255, 0.7137, 0.5098
CMYK	0.00, 0.58, 0.27, 0.33
HSL	328°, 40%, 48%
HSV	328°, 58%, 67%
XYZ	23.0975, 15.0164, 21.0831
YIQ	108.5290, 42.3120, 37.1600

Conversions

Conversions Part 2

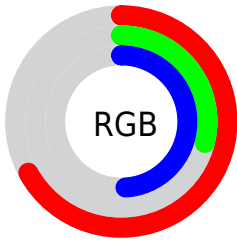
Format	Color
R_{YB}	172, 73, 125
Decimal	11291005
CIE _{Lab}	45.66, 46.26, -9.40
CIE _{LCh}	46, 47.202, 348.512
Yxy	15.0164, 0.3902, 0.2537
Android (android.graphics.Color)	4289481085 (0xFFAC497D)
YUV	108.5290, 8.1202, 55.6641
Hunter-Lab	38.7510, 38.5805, -5.1320

Details

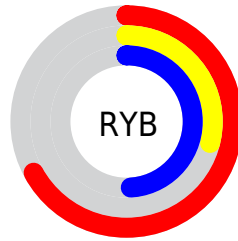
The XYZ color **23.0975, 15.0164, 21.0831** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **20.8911, 32.2781, 22.9002**, and the grayscale version is **14.3726, 15.1211, 16.4669**.

A 20% lighter version of the original color is **48.1299, 34.9591, 46.3305**, and **8.6923, 4.6054, 7.2683** is the 20% darker color. If you saturate the color by 10%, you get **21.6193, 12.8607, 18.1215**, and if you desaturate by 10%, it is **24.9320, 17.8158, 24.3754**.

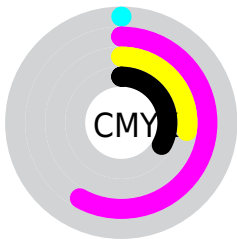
Distribution



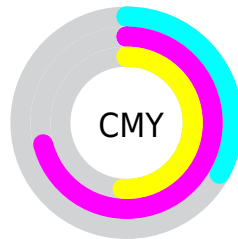
- Red (67%)
- Green (29%)
- Blue (49%)



- Red (67%)
- Yellow (29%)
- Blue (49%)



- Cyan (0%)
- Magenta (58%)
- Yellow (27%)
- Black (33%)



- Cyan (33%)
- Magenta (71%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0975, 15.0164, 21.0831 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 23.0975, 15.0164, 21.0831 by changing the saturation by 10% instead.

■ 23.0975, 15.0164,
21.0831

■ 23.0975, 15.0164,
21.0831

260.7514,
223.4655, 270.5153

■ 14.7866, 8.8309,
12.9929

■ 48.0189, 34.8819,
46.1084

■ 8.7551, 4.6310,
7.2930

■ 65.3600, 49.3308,
63.8806

■ 4.6376, 2.0325,
3.5648

■ 86.4420, 67.3028,
85.7172

■ 2.0688, 0.6262,
1.3898

■ 111.6301, 89.1825,
112.0367

■ 0.6722, 0.0000,
0.1337

■ 141.2898,
115.3543, 143.2578

■ 0.0000, 0.0000,
0.0000

175.7863,

146.2024, 179.7989

215.4850,
182.1113, 222.0785

■ 23.0975, 15.0164,
21.0831

■ 23.0975, 15.0164,
21.0831

■ 21.6193, 12.8607,
18.1215

■ 24.9320, 17.8158,
24.3754

■ 20.4685, 11.2929,
15.4755

■ 27.1459, 21.3038,
28.0105

■ 19.6137, 10.2519,
13.1295

■ 29.7618, 25.5241,
32.0010

■ 19.0055, 9.6406,
11.0615

■ 32.8002, 30.5159,
36.3581

■ 18.8733, 9.5147,
10.5906

■ 36.2798, 36.3158,
41.0926

■ 40.2187, 42.9579,
46.2148

■ 44.6334, 50.4743,
51.7344

■ 49.5400, 58.8956,
57.6609

■ 54.9536, 68.2507,
64.0033

Harmonies

Analogous

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



20.7609, 15.0164, 35.4390



23.0975, 15.0164, 21.0831



22.7667, 15.0164, 10.3643

Triad

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



23.0975, 15.0164, 21.0831



11.9917, 15.0164, 3.1729



9.8042, 15.0164, 38.6935

Complementary

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



23.0975, 15.0164, 21.0831



20.8911, 32.2781, 22.9002

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.



8.2076, 15.0164, 24.2860



23.0975, 15.0164, 21.0831



9.3002, 15.0164, 5.7499

Square

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



23.0975, 15.0164, 21.0831



15.8415, 15.0164, 2.9470



8.0420, 15.0164, 12.3848



12.8109, 15.0164, 48.3278

Rectangle

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



23.0975, 15.0164, 21.0831



21.0886, 15.0164, 6.1926



8.0420, 15.0164, 12.3848



9.1107, 15.0164, 34.0071

Sweetspot

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



23.0979, 15.0172, 21.0834



59.6523, 55.6056, 66.1654



17.4650, 11.6807, 40.3641



12.7193, 11.6801, 14.0368



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



23.0979, 15.0172, 21.0834



38.6044, 22.4680, 31.5327



20.7114, 14.0625, 8.5159



8.1744, 8.0830, 9.2289



14.0727, 7.0916, 8.0282



0.4189, 0.2082, 0.3677

Inverse Universe

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



23.0979, 15.0172, 21.0834



38.6044, 22.4680, 31.5327



24.6340, 33.7752, 42.6099



8.1744, 8.0830, 9.2289



14.0727, 7.0916, 8.0282



0.4189, 0.2082, 0.3677

Previews

White Background



This preview shows how the XYZ color 23.0975, 15.0164, 21.0831 looks on a white background.

Color Contrast Check

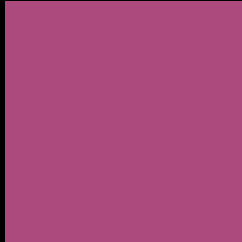
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 23.0975, 15.0164, 21.0831 looks on a 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 23.0975, 15.0164, 21.0831

Background



This preview shows how black text looks on a background with the XYZ color 23.0975, 15.0164, 21.0831.



This preview shows how white text looks on a background with the XYZ color 23.0975, 15.0164,

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

23.0975, 15.0164, 21.0831

Protanopia

15.6123, 15.2267, 30.5500

Deuteranopia

15.4836, 15.2415, 19.8951



Tritanopia

21.0249, 15.0080, 10.8055

Trichromacy



Original Color

23.0975, 15.0164, 21.0831

Protanomaly

17.1380, 14.3630, 26.6800

Deuteranomaly

17.5072, 14.5614, 20.3003

Tritanomaly

21.6509, 14.9344, 14.0534

Monochromacy



Original Color

23.0975, 15.0164, 21.0831

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

16.7931, 14.5091, 18.1351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0975, 15.0164, 21.0831 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(172, 73, 125)` looks like.

```
.text, #text, p{  
    color:rgb(172, 73, 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(172, 73, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 73, 125) }
```

Border

The CSS property to change the border of an element to XYZ 23.0975, 15.0164, 21.0831 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(172, 73, 125) }
```


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

```
.border{ border-color:rgb(172, 73, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 73, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 73, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 73, 125);  
box-shadow:4px 4px 4px 4px rgb(172, 73,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0975, 15.0164, 21.0831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 73, 125) }
```

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

```
.background{ background-color: rgb(172, 73,  
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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