

Converting Colors

XYZ(23.3049, 16.0590, 17.2139)

Have a look what the booklet for
XYZ(23.3049, 16.0590, 17.2139)
contains.

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Color

**XYZ(23.3226, 16.0534,
17.1986)**

Conversions

Conversions Part 1

Format	Color
Hex	AE5170
RGB	174, 81, 112
RGB Percent	68%, 32%, 44%
CMY	0.3176, 0.6823, 0.5608
CMYK	0.00, 0.53, 0.36, 0.32
HSL	340°, 36%, 50%
HSV	340°, 53%, 68%
XYZ	23.3226, 16.0534, 17.1986
YIQ	112.3410, 45.4770, 29.3570

Conversions

Conversions Part 2

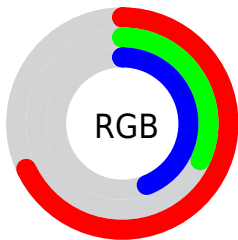
Format	Color
R_{YB}	174, 81, 112
Decimal	11424112
CIE Lab	47.04, 41.28, 0.59
CIE LCh	47, 41.289, 0.812
Yxy	16.0534, 0.4122, 0.2838
Android (android.graphics.Color)	4289614192 (0xFFAE5170)
YUV	112.3410, -0.1681, 54.0749
Hunter-Lab	40.0667, 33.7871, 2.5965

Details

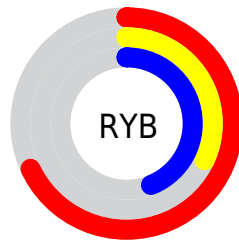
The XYZ color **23.3226, 16.0534, 17.1986** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **23.4882, 34.0050, 31.3143**, and the grayscale version is **15.4930, 16.2998, 17.7505**.

A 20% lighter version of the original color is **48.3671, 36.6112, 39.6394**, and **8.8360, 5.1004, 5.3693** is the 20% darker color. If you saturate the color by 10%, you get **21.5864, 13.5490, 13.6358**, and if you desaturate by 10%, it is **25.4742, 19.2553, 21.3108**.

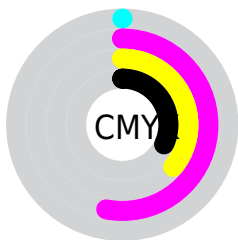
Distribution



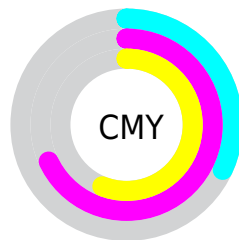
- Red (68%)
- Green (32%)
- Blue (44%)



- Red (68%)
- Yellow (32%)
- Blue (44%)



- Cyan (0%)
- Magenta (53%)
- Yellow (36%)
- Black (32%)





- Cyan (32%)
- Magenta (68%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3226, 16.0534, 17.1986 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 23.3226, 16.0534, 17.1986 by changing the saturation by 10% instead.


 23.3226, 16.0534,
17.1986


 23.3226, 16.0534,
17.1986


261.8821,
229.6566, 248.3968


 14.9539, 9.5619,
10.2127


 48.3853, 36.6909,
39.4622


 8.8731, 5.1095,
5.4328


 65.8099, 51.6057,
55.5771


 4.7150, 2.3117,
2.4402

 86.9840, 70.0971,
75.5720

 2.1140, 0.7799,
0.8082

 112.2727, 92.5495,
99.8656

 0.6968, 0.0000,
0.0000

 142.0416,
119.3472, 128.8763

 0.0000, 0.0000,
0.0000

176.6559,

150.8747, 163.0227

216.4809,
187.5164, 202.7234

■ 23.3226, 16.0534,
17.1986

■ 23.3226, 16.0534,
17.1986

■ 21.5864, 13.5490,
13.6358

■ 25.4742, 19.2553,
21.3108

■ 20.2353, 11.6867,
10.5963

■ 28.0659, 23.1996,
25.9949

■ 19.2367, 10.4065,
8.0528

■ 31.1222, 27.9305,
31.2733

■ 18.5515, 9.6360,
5.9745

■ 34.6651, 33.4877,
37.1666

■ 18.2191, 9.3041,
4.8378

■ 38.7152, 39.9084,
43.6945

■ 43.2921, 47.2276,
50.8758

■ 48.4141, 55.4781,
58.7285

■ 54.0987, 64.6914,
67.2698

■ 60.3626, 74.8972,
76.5163

Harmonies

Analogous

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



22.1712, 16.0534, 29.1037



23.3226, 16.0534, 17.1986



22.0450, 16.0534, 9.1330

Triad

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



23.3226, 16.0534, 17.1986



11.9658, 16.0534, 5.3463



12.1116, 16.0534, 41.2729

Complementary

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



23.3226, 16.0534, 17.1986



23.4882, 34.0050, 31.3143

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.



10.0305, 16.0534, 29.7961



23.3226, 16.0534, 17.1986



9.9562, 16.0534, 9.4539

Square

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



23.3226, 16.0534, 17.1986



15.1599, 16.0534, 4.1697



9.3070, 16.0534, 17.7633



15.3571, 16.0534, 45.9182

Rectangle

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



23.3226, 16.0534, 17.1986



20.0883, 16.0534, 6.1402



9.3070, 16.0534, 17.7633



11.2721, 16.0534, 37.9092

Sweetspot

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



23.3230, 16.0542, 17.1989



60.9633, 57.7261, 64.2672



21.9108, 14.7815, 41.7426



13.2578, 12.3717, 13.8002



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



23.3230, 16.0542, 17.1989



38.6945, 23.9272, 23.7379



23.1700, 18.0510, 10.0487



8.1112, 8.0577, 8.8966



13.2395, 6.7583, 3.6407



0.3941, 0.1983, 0.2372

Inverse Universe

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



23.3230, 16.0542, 17.1989



38.6945, 23.9272, 23.7379



23.3463, 29.4305, 44.4945



8.1112, 8.0577, 8.8966



13.2395, 6.7583, 3.6407



0.3941, 0.1983, 0.2372

Previews

White Background



This preview shows how the XYZ color 23.3226, 16.0534, 17.1986 looks on a white background.

Color Contrast Check

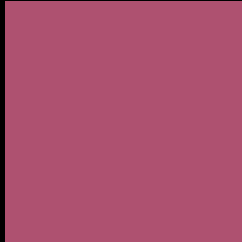
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3226, 16.0534, 17.1986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

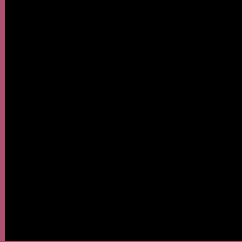
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.3226, 16.0534, 17.1986

Background



This preview shows how black text looks on a background with the XYZ color 23.3226, 16.0534, 17.1986.



This preview shows how white text looks on a background with the XYZ color 23.3226, 16.0534,

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

23.3226, 16.0534, 17.1986

Protanopia

16.0204, 16.2318, 23.4078

Deuteranopia

16.5268, 16.1678, 16.4370



Tritanopia

22.1501, 16.0230, 11.8228

Trichromacy



Original Color

23.3226, 16.0534, 17.1986

Protanomaly

17.8052, 15.5309, 20.7982

Deuteranomaly

18.4557, 15.6791, 16.5217

Tritanomaly

22.6560, 16.1257, 13.7229

Monochromacy



Original Color

23.3226, 16.0534, 17.1986

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

17.5700, 15.6281, 17.4197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3226, 16.0534, 17.1986 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(174, 81, 112)` looks like.

```
.text, #text, p{  
    color:rgb(174, 81, 112)  
}
```

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(174, 81, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 81, 112) }
```

Border

The CSS property to change the border of an element to XYZ 23.3226, 16.0534, 17.1986 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(174, 81, 112) }
```


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

```
.border{ border-color:rgb(174, 81, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 81, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 81, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 81, 112);  
box-shadow:4px 4px 4px 4px rgb(174, 81,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3226, 16.0534, 17.1986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 81, 112) }
```

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

```
.background{ background-color: rgb(174, 81,  
112) }
```

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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