

Converting Colors

XYZ(23.2057, 16.0692, 17.1107)

Have a look what the booklet for
XYZ(23.2057, 16.0692, 17.1107)
contains.

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Color

**XYZ(23.1755, 16.0887,
17.2132)**

Conversions

Conversions Part 1

Format	Color
Hex	AD5270
RGB	173, 82, 112
RGB Percent	68%, 32%, 44%
CMY	0.3216, 0.6784, 0.5608
CMYK	0.00, 0.53, 0.35, 0.32
HSL	340°, 36%, 50%
HSV	340°, 53%, 68%
XYZ	23.1755, 16.0887, 17.2132
YIQ	112.6290, 44.6060, 28.6220

Conversions

Conversions Part 2

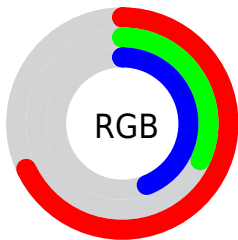
Format	Color
R_{YB}	173, 82, 112
Decimal	11358832
CIE _{Lab}	47.09, 40.43, 0.63
CIE _{LCh}	47, 40.431, 0.899
Yxy	16.0887, 0.4103, 0.2849
Android (android.graphics.Color)	4289548912 (0xFFAD5270)
YUV	112.6290, -0.3101, 52.9454
Hunter-Lab	40.1107, 32.9414, 2.6337

Details

The XYZ color **23.1755, 16.0887, 17.2132** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **23.3820, 33.6645, 31.2541**, and the grayscale version is **15.5784, 16.3897, 17.8484**.

A 20% lighter version of the original color is **48.1809, 36.7195, 39.6701**, and **8.7258, 5.0806, 5.3712** is the 20% darker color. If you saturate the color by 10%, you get **21.4268, 13.5590, 13.6470**, and if you desaturate by 10%, it is **25.3371, 19.3110, 21.3277**.

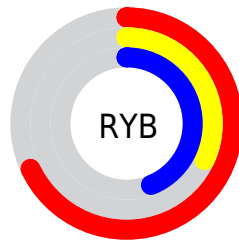
Distribution



Red (68%)

Green (32%)

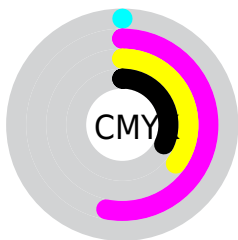
Blue (44%)



Red (68%)

Yellow (32%)

Blue (44%)

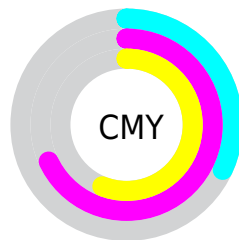


Cyan (0%)

Magenta (53%)

Yellow (35%)

Black (32%)



Cyan (32%)


Magenta (68%)


Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1755, 16.0887, 17.2132 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 23.1755, 16.0887, 17.2132 by changing the saturation by 10% instead.


 23.1755, 16.0887,
17.2132


 23.1755, 16.0887,
17.2132

261.1437,
229.8645, 248.4834


 14.8446, 9.5869,
10.2231


 48.1459, 36.7521,
39.4876


 8.7960, 5.1260,
5.4396


 65.5160, 51.6826,
55.6090


 4.6644, 2.3214,
2.4442

 86.6299, 70.1914,
75.6112

 2.0844, 0.7850,
0.8104

 111.8530, 92.6629,
99.9128

 0.6807, 0.0000,
0.0000

 141.5505,
119.4816, 128.9322

 0.0000, 0.0000,
0.0000

176.0879,

151.0319, 163.0881

215.8305,
187.6981, 202.7990

■ 23.1755, 16.0887,
17.2132

■ 23.1755, 16.0887,
17.2132

■ 21.4268, 13.5590,
13.6470

■ 25.3371, 19.3110,
21.3277

■ 20.0614, 11.6679,
10.6033

■ 27.9359, 23.2698,
26.0129

■ 19.0475, 10.3569,
8.0551

■ 30.9958, 28.0084,
31.2910

■ 18.3470, 9.5559,
5.9719

■ 34.5384, 33.5657,
37.1824

■ 17.9728, 9.1799,
4.6991

■ 38.5842, 39.9783,
43.7068

■ 43.1521, 47.2804,
50.8827

■ 48.2603, 55.5043,
58.7282

■ 53.9261, 64.6808,
67.2602

■ 60.1658, 74.8393,
76.4954

Harmonies

Analogous

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



22.0590, 16.0887, 28.8388



23.1755, 16.0887, 17.2132



21.9227, 16.0887, 9.2798

Triad

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



23.1755, 16.0887, 17.2132



12.0499, 16.0887, 5.5341



12.2087, 16.0887, 40.7284

Complementary

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



23.1755, 16.0887, 17.2132



23.3820, 33.6645, 31.2541

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.



10.1542, 16.0887, 29.5851



23.1755, 16.0887, 17.2132



10.0730, 16.0887, 9.6316

Square

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



23.1755, 16.0887, 17.2132



15.1851, 16.0887, 4.3462



9.4357, 16.0887, 17.8261



15.3991, 16.0887, 45.2065

Rectangle

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



23.1755, 16.0887, 17.2132



20.0094, 16.0887, 6.3112



9.4357, 16.0887, 17.8261



11.3809, 16.0887, 37.4692

Sweetspot

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



23.1759, 16.0895, 17.2135



59.4181, 56.2757, 62.5774



21.8309, 14.8626, 41.2533



12.6389, 11.8000, 13.1443



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.



23.1759, 16.0895, 17.2135



37.9644, 23.7039, 23.5633



23.0473, 18.0746, 10.2578



8.1101, 8.0573, 8.8903



13.2276, 6.7536, 3.5783



0.3937, 0.1981, 0.2347

Inverse Universe

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



23.1759, 16.0895, 17.2135



37.9644, 23.7039, 23.5633



23.2216, 29.2084, 43.9490



8.1101, 8.0573, 8.8903



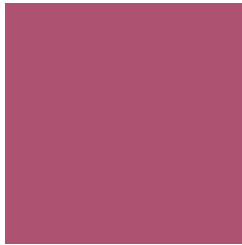
13.2276, 6.7536, 3.5783



0.3937, 0.1981, 0.2347

Previews

White Background



This preview shows how the XYZ color 23.1755, 16.0887, 17.2132 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

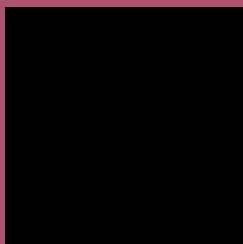
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.1755, 16.0887, 17.2132

Background



This preview shows how black text looks on a background with the XYZ color 23.1755, 16.0887, 17.2132.



This preview shows how white text looks on a background with the XYZ color 23.1755, 16.0887,

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

23.1755, 16.0887, 17.2132

Protanopia

16.0204, 16.2318, 23.4078

Deuteranopia

16.5268, 16.1678, 16.4370



Tritanopia

22.0541, 16.0862, 12.0678

Trichromacy



Original Color

23.1755, 16.0887, 17.2132

Protanomaly

17.6480, 15.4499, 20.7909

Deuteranomaly

18.3775, 15.7786, 16.5450

Tritanomaly

22.5139, 16.1685, 13.7386

Monochromacy



Original Color

23.1755, 16.0887, 17.2132

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

17.7237, 15.8459, 17.7472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1755, 16.0887, 17.2132 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(173, 82, 112)` looks like.

```
.text, #text, p{  
    color:rgb(173, 82, 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(173, 82, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 82, 112) }
```

Border

The CSS property to change the border of an element to XYZ 23.1755, 16.0887, 17.2132 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(173, 82, 112) }
```


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

```
.border{ border-color:rgb(173, 82, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 82, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 82, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 82, 112);  
box-shadow:4px 4px 4px 4px rgb(173, 82,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1755, 16.0887, 17.2132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 82, 112) }
```

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

```
.background{ background-color: rgb(173, 82,  
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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