

Converting Colors

XYZ(23.2786, 17.0485, 27.6468)

Have a look what the booklet for
XYZ(23.2786, 17.0485, 27.6468)
contains.

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Color

**XYZ(23.3215, 17.0122,
27.6457)**

Conversions

Conversions Part 1

Format	Color
Hex	A15B8E
RGB	161, 91, 142
RGB Percent	63%, 36%, 56%
CMY	0.3686, 0.6431, 0.4431
CMYK	0.00, 0.43, 0.12, 0.37
HSL	316°, 28%, 49%
HSV	316°, 43%, 63%
XYZ	23.3215, 17.0122, 27.6457
YIQ	117.7440, 25.3490, 30.7010

Conversions

Conversions Part 2

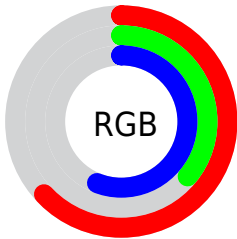
Format	Color
R_{YB}	161, 91, 142
Decimal	10574734
CIE _{Lab}	48.28, 35.97, -15.82
CIE _{LCh}	48, 39.300, 336.255
Yxy	17.0122, 0.3431, 0.2503
Android (android.graphics.Color)	4288764814 (0xFFA15B8E)
YUV	117.7440, 11.9582, 37.9355
Hunter-Lab	41.2458, 28.7484, -10.8680

Details

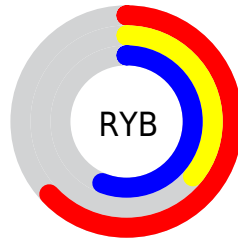
The XYZ color **23.3215, 17.0122, 27.6457** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.8744, 28.8402, 19.2722**, and the grayscale version is **17.0986, 17.9891, 19.5901**.

A 20% lighter version of the original color is **48.4015, 38.3822, 57.0820**, and **8.9441, 5.6168, 10.7380** is the 20% darker color. If you saturate the color by 10%, you get **21.7684, 14.4205, 25.5408**, and if you desaturate by 10%, it is **25.1838, 20.2011, 29.9175**.

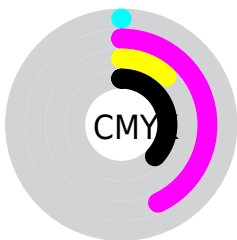
Distribution



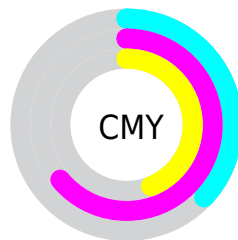
- Red (63%)
- Green (36%)
- Blue (56%)



- Red (63%)
- Yellow (36%)
- Blue (56%)



- Cyan (0%)
- Magenta (43%)
- Yellow (12%)
- Black (37%)



- Cyan (37%)
- Magenta (64%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3215, 17.0122, 27.6457 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 23.3215, 17.0122, 27.6457 by changing the saturation by 10% instead.

■ 23.3215, 17.0122,
27.6457

■ 23.3215, 17.0122,
27.6457

261.8766,
235.2427, 304.6285

■ 14.9531, 10.2432,
17.8220

■ 48.3835, 38.3468,
56.9346

■ 8.8726, 5.5605,
10.6542

■ 65.8077, 53.6811,
77.2368

■ 4.7146, 2.5797,
5.7236

■ 86.9813, 72.6393,
101.8691

■ 2.1138, 0.9165,
2.6117

■ 112.2696, 95.6058,
131.2498

■ 0.6967, 0.0000,
0.8985

142.0379,
122.9650, 165.7976

■ 0.0000, 0.0000,
0.0000

176.6516,

155.1013, 205.9309

216.4761,
192.3991, 252.0684

■ 23.3215, 17.0122,
27.6457

■ 23.3215, 17.0122,
27.6457

■ 21.7684, 14.4205,
25.5408

■ 25.1838, 20.2011,
29.9175

■ 20.5036, 12.3856,
23.5946

■ 27.3713, 24.0197,
32.3617

■ 19.5064, 10.8655,
21.7997

■ 29.9005, 28.5009,
34.9847

■ 18.7520, 9.8114,
20.1470

■ 32.7867, 33.6745,
37.7922

■ 18.2114, 9.1649,
18.6260

■ 36.0439, 39.5688,
40.7897

■ 17.9265, 8.8685,
17.6887

■ 39.6855, 46.2102,
43.9821

■ 43.7242, 53.6238,
47.3746

■ 48.1721, 61.8338,
50.9716

■ 53.0407, 70.8630,
54.7777

Harmonies

Analogous

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



20.5899, 17.0122, 39.3927



23.3215, 17.0122, 27.6457



24.0196, 17.0122, 16.4580

Triad

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



23.3215, 17.0122, 27.6457



15.4313, 17.0122, 5.0280



11.2312, 17.0122, 32.7930

Complementary

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



23.3215, 17.0122, 27.6457



19.8744, 28.8402, 19.2722

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.



10.2486, 17.0122, 20.7548



23.3215, 17.0122, 27.6457



12.4320, 17.0122, 6.7432

Square

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



23.3215, 17.0122, 27.6457



19.1016, 17.0122, 5.7066



10.6534, 17.0122, 11.6673



13.5541, 17.0122, 43.0516

Rectangle

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



23.3215, 17.0122, 27.6457



23.1592, 17.0122, 11.1016



10.6534, 17.0122, 11.6673



10.7502, 17.0122, 28.6805

Sweetspot

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



23.3220, 17.0130, 27.6460



53.6615, 51.2429, 62.7669



16.5639, 13.3499, 35.4223



11.5488, 10.8466, 13.5439



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.3220, 17.0130, 27.6460



39.1114, 26.0334, 45.9225



21.1111, 16.1286, 16.0034



7.2819, 7.1692, 8.4708



14.3349, 7.0900, 14.2203



0.3193, 0.1562, 0.3943

Inverse Universe

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



23.3220, 17.0130, 27.6460



39.1114, 26.0334, 45.9225



22.1450, 29.7484, 31.2289



7.2819, 7.1692, 8.4708



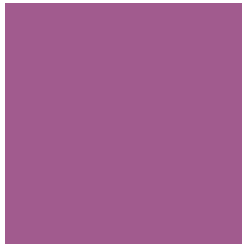
14.3349, 7.0900, 14.2203



0.3193, 0.1562, 0.3943

Previews

White Background



This preview shows how the XYZ color 23.3215, 17.0122, 27.6457 looks on a white background.

Color Contrast Check

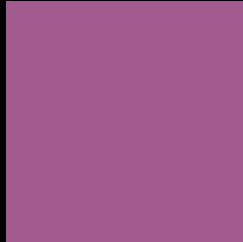
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3215, 17.0122, 27.6457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

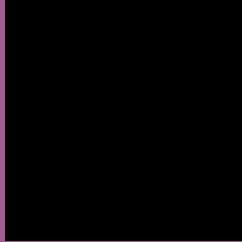
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.3215, 17.0122, 27.6457

Background



This preview shows how black text looks on a background with the XYZ color 23.3215, 17.0122, 27.6457.



This preview shows how white text looks on a background with the XYZ color 23.3215, 17.0122,

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

23.3215, 17.0122, 27.6457

Protanopia

17.6684, 17.3280, 34.7612

Deuteranopia

17.4518, 17.0682, 26.4194



Tritanopia

20.8738, 16.9441, 15.8060

Trichromacy



Original Color

23.3215, 17.0122, 27.6457

Protanomaly

18.9899, 16.7860, 31.9449

Deuteranomaly

19.1262, 16.6702, 26.6357

Tritanomaly

21.5225, 16.7854, 19.5583

Monochromacy



Original Color

23.3215, 17.0122, 27.6457

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.0248, 17.3258, 22.4202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3215, 17.0122, 27.6457 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(161, 91, 142)` looks like.

```
.text, #text, p{  
    color:rgb(161, 91, 142)  
}
```

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(161, 91, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 91, 142) }
```

Border

The CSS property to change the border of an element to XYZ 23.3215, 17.0122, 27.6457 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(161, 91, 142) }
```


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

```
.border{ border-color:rgb(161, 91, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 91, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 91, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 91, 142); box-shadow:4px 4px 4px 4px rgb(161, 91, 142) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3215, 17.0122, 27.6457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 91, 142) }
```

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

```
.background{ background-color: rgb(161, 91,  
142) }
```

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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