

Converting Colors

XYZ(23.8891, 17.6792, 15.4075)

Have a look what the booklet for
XYZ(23.8891, 17.6792, 15.4075)
contains.

XYZ(23.8325, 17.6729, 15.5197)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.8325, 17.6729,
15.5197)**

Conversions

Conversions Part 1

Format	Color
Hex	AE5C69
RGB	174, 92, 105
RGB Percent	68%, 36%, 41%
CMY	0.3176, 0.6392, 0.5882
CMYK	0.00, 0.47, 0.40, 0.32
HSL	350°, 34%, 52%
HSV	350°, 47%, 68%
XYZ	23.8325, 17.6729, 15.5197
YIQ	118.0000, 44.6990, 21.4270

Conversions

Conversions Part 2

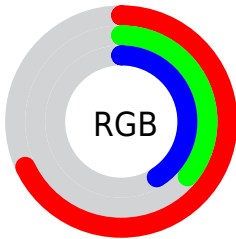
Format	Color
R_{YB}	174, 92, 105
Decimal	11426921
CIE Lab	49.10, 34.70, 7.76
CIE LCh	49, 35.560, 12.610
Yxy	17.6729, 0.4179, 0.3099
Android (android.graphics.Color)	4289617001 (0xFFAE5C69)
YUV	118.0000, -6.4090, 49.1120
Hunter-Lab	42.0391, 27.6253, 7.5392

Details

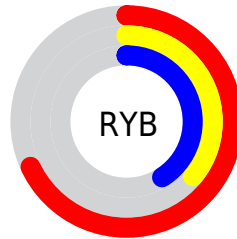
The XYZ color **23.8325, 17.6729, 15.5197** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **25.9836, 35.1210, 39.1298**, and the grayscale version is **17.2300, 18.1273, 19.7407**.

A 20% lighter version of the original color is **49.2527, 39.5026, 36.4814**, and **9.0629, 5.8130, 4.6473** is the 20% darker color. If you saturate the color by 10%, you get **21.8057, 14.7217, 11.4453**, and if you desaturate by 10%, it is **26.3360, 21.3700, 20.3927**.

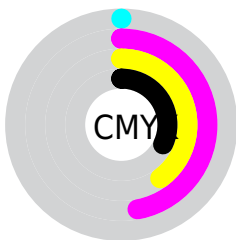
Distribution



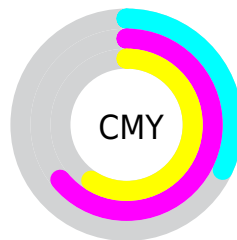
- Red (68%)
- Green (36%)
- Blue (41%)



- Red (68%)
- Yellow (36%)
- Blue (41%)



- Cyan (0%)
- Magenta (47%)
- Yellow (40%)
- Black (32%)



- Cyan (32%)
- Magenta (64%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8325, 17.6729, 15.5197 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 23.8325, 17.6729, 15.5197 by changing the saturation by 10% instead.

■ 23.8325, 17.6729,
15.5197

■ 23.8325, 17.6729,
15.5197

264.4288,
239.0208, 238.2388

■ 15.3335, 10.7154,
9.0343

■ 49.2134, 39.4792,
36.5175

■ 9.1416, 5.8758,
4.6664

■ 66.8260, 55.0967,
51.8669

■ 4.8915, 2.7697,
1.9976

■ 88.2071, 74.3697,
71.0080

■ 2.2178, 1.0127,
0.5538

■ 113.7222, 97.6826,
94.3594

■ 0.7521, 0.0000,
0.0000

143.7365,
125.4198, 122.3397

■ 0.0000, 0.0000,
0.0000

178.6155,

157.9656, 155.3673

218.7245,
195.7045, 193.8608

■ 23.8325, 17.6729,
15.5197

■ 23.8325, 17.6729,
15.5197

■ 21.8057, 14.7217,
11.4453

■ 26.3360, 21.3700,
20.3927

■ 20.2235, 12.4631,
8.1256

■ 29.3428, 25.8563,
26.1029

■ 19.0521, 10.8409,
5.5137


■ 32.8789, 31.1750,
32.6879


■ 18.2519, 9.7888,
3.5570

■ 36.9685, 37.3653,
40.1823


■ 17.7677, 9.2105,
2.1929


■ 41.6338, 44.4638,
48.6191

 17.6601, 9.0805,
1.8942

 46.8963, 52.5053,
58.0296

 52.7761, 61.5225,
68.4436

 59.2923, 71.5468,
79.8896

 66.4633, 82.6078,
92.3949

Harmonies

Analogous

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



23.6588, 17.6729, 25.2434



23.8325, 17.6729, 15.5197



21.9499, 17.6729, 9.3264

Triad

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



23.8325, 17.6729, 15.5197



12.8343, 17.6729, 8.6765



14.9602, 17.6729, 42.5061

Complementary

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



23.8325, 17.6729, 15.5197



25.9836, 35.1210, 39.1298

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.



12.5221, 17.6729, 34.4711



23.8325, 17.6729, 15.5197



11.4104, 17.6729, 14.2775

Square

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



23.8325, 17.6729, 15.5197



15.4416, 17.6729, 6.3437



11.3042, 17.6729, 23.5182



18.2307, 17.6729, 43.1793

Rectangle

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



23.8325, 17.6729, 15.5197



19.9103, 17.6729, 7.1431



11.3042, 17.6729, 23.5182



14.0275, 17.6729, 40.4794

Sweetspot

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



23.8330, 17.6738, 15.5200



61.6678, 59.6124, 63.0301



26.0317, 18.2193, 42.1890



13.3719, 12.7443, 13.3933



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.



23.8330, 17.6738, 15.5200



39.2675, 26.2915, 20.1731



26.0245, 23.0454, 13.2030



8.0551, 8.0353, 8.6009



12.8239, 6.5921, 1.4522



0.3721, 0.1895, 0.1214

Inverse Universe

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



23.8330, 17.6738, 15.5200



39.2675, 26.2915, 20.1731



22.4363, 26.0960, 43.8988



8.0551, 8.0353, 8.6009



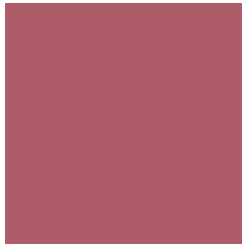
12.8239, 6.5921, 1.4522



0.3721, 0.1895, 0.1214

Previews

White Background



This preview shows how the XYZ color 23.8325, 17.6729, 15.5197 looks on a white background.

Color Contrast Check

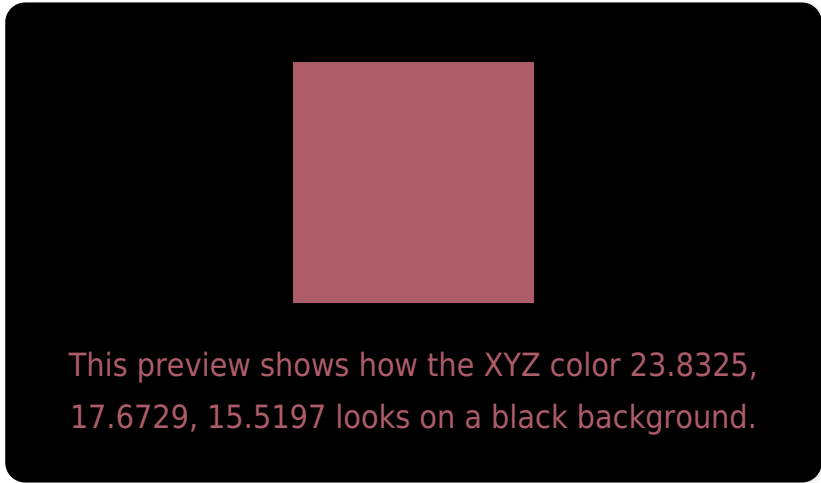
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

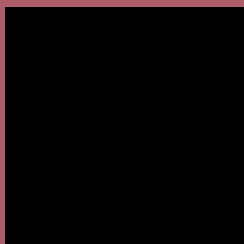
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.8325, 17.6729, 15.5197

Background



This preview shows how black text looks on a background with the XYZ color 23.8325, 17.6729, 15.5197.



This preview shows how white text looks on a background with the XYZ color 23.8325, 17.6729,

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

23.8325, 17.6729, 15.5197

Protanopia

17.2391, 17.9525, 19.6961

Deuteranopia

18.0856, 17.8182, 14.7980



Tritanopia

23.6702, 17.7475, 14.2346

Trichromacy



Original Color

23.8325, 17.6729, 15.5197

Protanomaly

18.9907, 17.4063, 17.9816

Deuteranomaly

19.8443, 17.4520, 14.8930

Tritanomaly

23.7682, 17.7867, 14.7508

Monochromacy



Original Color

23.8325, 17.6729, 15.5197

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.9305, 17.5328, 18.0092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8325, 17.6729, 15.5197 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, 92, 105)` looks like.

```
.text, #text, p{  
    color:rgb(174, 92, 105)  
}
```

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, 92, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 92, 105) }
```

Border

The CSS property to change the border of an element to XYZ 23.8325, 17.6729, 15.5197 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, 92, 105) }
```


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

```
.border{ border-color:rgb(174, 92, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 92, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 92, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 92, 105);  
box-shadow:4px 4px 4px 4px rgb(174, 92,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8325, 17.6729, 15.5197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 92, 105) }
```

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

```
.background{ background-color: rgb(174, 92,  
105) }
```

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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