

Converting Colors

XYZ(23.6569, 15.7765, 15.1219)

Have a look what the booklet for
XYZ(23.6569, 15.7765, 15.1219)
contains.

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Color

**XYZ(23.7246, 15.7725,
15.1586)**

Conversions

Conversions Part 1

Format	Color
Hex	B34C69
RGB	179, 76, 105
RGB Percent	70%, 30%, 41%
CMY	0.2980, 0.7019, 0.5882
CMYK	0.00, 0.58, 0.41, 0.30
HSL	343°, 40%, 50%
HSV	343°, 58%, 70%
XYZ	23.7246, 15.7725, 15.1586
YIQ	110.1030, 52.0790, 30.8550

Conversions

Conversions Part 2

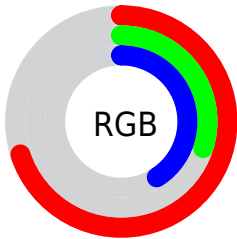
Format	Color
R_{YB}	179, 76, 105
Decimal	11750505
CIE _{Lab}	46.67, 44.67, 4.40
CIE _{LCh}	47, 44.883, 5.630
Yxy	15.7725, 0.4341, 0.2886
Android (android.graphics.Color)	4289940585 (0xFFB34C69)
YUV	110.1030, -2.5158, 60.4227
Hunter-Lab	39.7146, 37.1313, 5.1699

Details

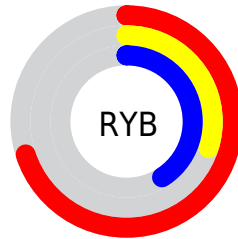
The XYZ color **23.7246, 15.7725, 15.1586** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **24.6064, 35.9790, 34.5041**, and the grayscale version is **14.8477, 15.6209, 17.0112**.

A 20% lighter version of the original color is **49.1109, 36.2780, 35.8664**, and **9.0399, 4.9434, 4.4807** is the 20% darker color. If you saturate the color by 10%, you get **22.0466, 13.3956, 11.5809**, and if you desaturate by 10%, it is **25.8465, 18.8771, 19.3778**.

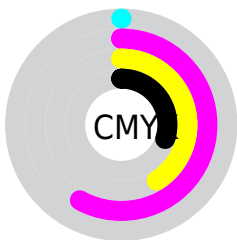
Distribution



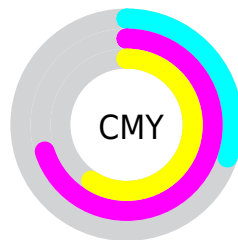
- Red (70%)
- Green (30%)
- Blue (41%)



- Red (70%)
- Yellow (30%)
- Blue (41%)



- Cyan (0%)
- Magenta (58%)
- Yellow (41%)
- Black (30%)



- Cyan (30%)
- Magenta (70%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7246, 15.7725, 15.1586 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 23.7246, 15.7725, 15.1586 by changing the saturation by 10% instead.

■ 23.7246, 15.7725,
15.1586

■ 23.7246, 15.7725,
15.1586

263.8916,
227.9955, 235.9979

■ 15.2531, 9.3633,
8.7829

■ 49.0384, 36.2028,
35.8774

■ 9.0847, 4.9789,
4.5050

■ 66.6113, 50.9927,
51.0576

■ 4.8540, 2.2349,
1.9063

■ 87.9488, 69.3450,
70.0097

■ 2.1957, 0.7389,
0.4967

■ 113.4162, 91.6440,
93.1523

■ 0.7405, 0.0000,
0.0000

■ 143.3788,
118.2742, 120.9038

■ 0.0000, 0.0000,
0.0000

178.2020,

149.6199, 153.6830

218.2511,
186.0655, 191.9081

■ 23.7246, 15.7725,
15.1586

■ 23.7246, 15.7725,
15.1586

■ 22.0466, 13.3956,
11.5809

■ 25.8465, 18.8771,
19.3778

■ 20.7775, 11.6838,
8.6106

■ 28.4410, 22.7604,
24.2684

■ 19.8789, 10.5676,
6.2111

■ 31.5361, 27.4717,
29.8592

■ 19.2937, 9.9415,
4.3378

■ 35.1569, 33.0554,
36.1773

■ 19.1745, 9.8173,
3.9464

■ 39.3270, 39.5529,
43.2480

■ 44.0683, 47.0026,
51.0955

■ 49.4017, 55.4410,
59.7428

■ 55.3469, 64.9027,
69.2121

■ 61.9227, 75.4204,
79.5246

Harmonies

Analogous

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



22.8797, 15.7725, 27.6035



23.7246, 15.7725, 15.1586



21.9216, 15.7725, 7.4804

Triad

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



23.7246, 15.7725, 15.1586



11.0461, 15.7725, 4.9914



12.1146, 15.7725, 44.9716

Complementary

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



23.7246, 15.7725, 15.1586



24.6064, 35.9790, 34.5041

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.



9.7012, 15.7725, 32.8995



23.7246, 15.7725, 15.1586



9.1631, 15.7725, 9.7704

Square

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



23.7246, 15.7725, 15.1586



14.2701, 15.7725, 3.4673



8.7170, 15.7725, 19.3596



15.7363, 15.7725, 48.4857

Rectangle

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



23.7246, 15.7725, 15.1586



19.6176, 15.7725, 4.8739



8.7170, 15.7725, 19.3596



11.1563, 15.7725, 41.5847

Sweetspot

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



23.7250, 15.7733, 15.1589



63.1409, 59.4737, 65.0943



23.2657, 14.8912, 44.2957



13.6868, 12.7084, 13.9013



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



23.7250, 15.7733, 15.1589



38.8196, 23.0752, 19.2408



24.2929, 18.9012, 9.2065



8.5914, 8.5433, 9.3470



13.5742, 6.9473, 2.9180



0.4527, 0.2288, 0.2265

Inverse Universe

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



23.7250, 15.7733, 15.1589



38.8196, 23.0752, 19.2408



23.1213, 28.7987, 46.9877



8.5914, 8.5433, 9.3470



13.5742, 6.9473, 2.9180



0.4527, 0.2288, 0.2265

Previews

White Background



This preview shows how the XYZ color 23.7246, 15.7725, 15.1586 looks on a white background.

Color Contrast Check

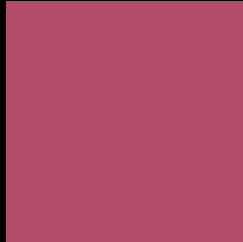
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.7246, 15.7725, 15.1586 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 23.7246, 15.7725, 15.1586

Background



This preview shows how black text looks on a background with the XYZ color 23.7246, 15.7725, 15.1586.

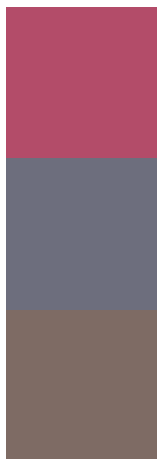


This preview shows how white text looks on a background with the XYZ color 23.7246, 15.7725,

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

23.7246, 15.7725, 15.1586

Protanopia

15.5843, 15.8837, 21.6465

Deuteranopia

16.1621, 15.8711, 14.2682



Tritanopia

22.8685, 15.8582, 10.4500

Trichromacy



Original Color

23.7246, 15.7725, 15.1586

Protanomaly

17.4692, 15.1117, 19.1357

Deuteranomaly

18.2582, 15.3448, 14.5699

Tritanomaly

23.0878, 15.8296, 11.9638

Monochromacy



Original Color

23.7246, 15.7725, 15.1586

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

17.0661, 14.9690, 16.1772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7246, 15.7725, 15.1586 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(179, 76, 105)` looks like.

```
.text, #text, p{  
    color:rgb(179, 76, 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(179, 76, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 76, 105) }
```

Border

The CSS property to change the border of an element to XYZ 23.7246, 15.7725, 15.1586 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(179, 76, 105) }
```


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

```
.border{ border-color:rgb(179, 76, 105) }
```

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

Here you see how a box with a 4 pixel rgb(179, 76, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 76, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 76, 105);  
box-shadow:4px 4px 4px 4px rgb(179, 76,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7246, 15.7725, 15.1586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 76, 105) }
```

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

```
.background{ background-color: rgb(179, 76,  
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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