

Converting Colors

XYZ(23.8842, 17.8854, 13.5638)

Have a look what the booklet for
XYZ(23.8842, 17.8854, 13.5638)
contains.

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Color

**XYZ(23.9765, 17.9219,
13.5048)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B05D61 |
| RGB | 176, 93, 97 |
| RGB Percent | 69%, 36%, 38% |
| CMY | 0.3098, 0.6353, 0.6196 |
| CMYK | 0.00, 0.47, 0.45, 0.31 |
| HSL | 357°, 34%, 53% |
| HSV | 357°, 47%, 69% |
| XYZ | 23.9765, 17.9219, 13.5048 |
| YIQ | 118.2730, 48.1840, 18.8400 |

Conversions

Conversions Part 2

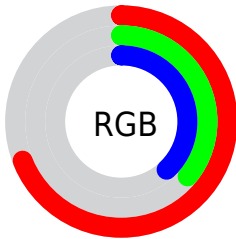
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 176, 93, 97 |
| Decimal | 11558241 |
| CIE Lab | 49.40, 34.02, 13.02 |
| CIE LCh | 49, 36.430, 20.940 |
| Yxy | 17.9219, 0.4328, 0.3235 |
| Android (android.graphics.Color) | 4289748321 (0xFFB05D61) |
| YUV | 118.2730, -10.4876, 50.6266 |
| Hunter-Lab | 42.3343, 27.0106, 10.7202 |

Details

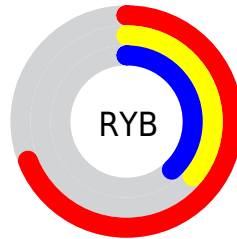
The XYZ color **23.9765, 17.9219, 13.5048** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **27.4869, 36.3567, 44.6009**, and the grayscale version is **17.3273, 18.2297, 19.8521**.

A 20% lighter version of the original color is **49.4024, 39.8813, 33.1111**, and **9.2440, 6.0335, 3.8093** is the 20% darker color. If you saturate the color by 10%, you get **21.9052, 14.9003, 9.3590**, and if you desaturate by 10%, it is **26.5692, 21.7223, 18.6386**.

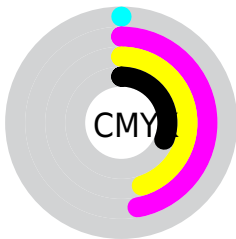
Distribution



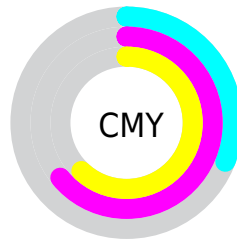
- Red (69%)
- Green (36%)
- Blue (38%)



- Red (69%)
- Yellow (36%)
- Blue (38%)



- Cyan (0%)
- Magenta (47%)
- Yellow (45%)
- Black (31%)



- Cyan (31%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.9765, 17.9219, 13.5048 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 23.9765, 17.9219, 13.5048 by changing the saturation by 10% instead.


 23.9765, 17.9219,
13.5048


 23.9765, 17.9219,
13.5048


265.1443,
240.4305, 225.4483


 15.4408, 10.8939,
7.6423

 49.4468, 39.9042,
32.9121


 9.2177, 5.9956,
3.7824


 67.1121, 55.6273,
47.2940

 4.9417, 2.8424,
1.5068

 88.5514, 75.0176,
65.3527

 2.2475, 1.0500,
0.2230

 114.1300, 98.4595,
87.5069

 0.7676, 0.0000,
0.0000

144.2132,
126.3373, 114.1750

 0.0000, 0.0000,
0.0000

179.1664,

159.0355, 145.7755

219.3550,
196.9384, 182.7271

■ 23.9765, 17.9219,
13.5048

■ 23.9765, 17.9219,
13.5048

■ 21.9052, 14.9003,
9.3590

■ 26.5692, 21.7223,
18.6386

■ 20.3188, 12.6011,
6.1368

■ 29.7138, 26.3474,
24.8171

■ 19.1781, 10.9647,
3.7678


■ 33.4401, 31.8426,
32.0941


■ 18.4373, 9.9210,
2.1708


■ 37.7756, 38.2494,
40.5194


■ 18.0329, 9.3684,
1.2467


■ 42.7457, 45.6065,
50.1394

 17.9508, 9.2486,
1.0823

 48.3746, 53.9505,
60.9984

 54.6850, 63.3159,
73.1382

 61.6988, 73.7357,
86.5986

 69.4368, 85.2413,
101.4179

Harmonies

Analogous

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



24.4236, 17.9219, 22.6462



23.9765, 17.9219, 13.5048



21.5437, 17.9219, 8.2039

Triad

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



23.9765, 17.9219, 13.5048



12.4036, 17.9219, 9.8575



16.0153, 17.9219, 44.7842

Complementary

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



23.9765, 17.9219, 13.5048



27.4869, 36.3567, 44.6009

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.



13.2025, 17.9219, 38.1924



23.9765, 17.9219, 13.5048



11.3094, 17.9219, 16.6846

Square

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



23.9765, 17.9219, 13.5048



14.7813, 17.9219, 6.6435



11.5808, 17.9219, 27.0840



19.5052, 17.9219, 43.0444

Rectangle

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



23.9765, 17.9219, 13.5048



19.2831, 17.9219, 6.5405



11.5808, 17.9219, 27.0840



14.9674, 17.9219, 43.4051

Sweetspot

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



23.9770, 17.9228, 13.5051



62.8224, 60.9608, 62.4376



28.7316, 19.7179, 43.3658



13.2712, 12.7040, 12.8628



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.



23.9770, 17.9228, 13.5051



39.4538, 26.6240, 16.4193



27.9101, 26.0798, 13.9201



8.5124, 8.5117, 8.9307



13.1772, 6.7884, 0.8273



0.4201, 0.2158, 0.0548

Inverse Universe

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



23.9770, 17.9228, 13.5051



39.4538, 26.6240, 16.4193



21.5336, 23.8267, 44.5382



8.5124, 8.5117, 8.9307



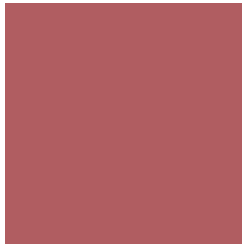
13.1772, 6.7884, 0.8273



0.4201, 0.2158, 0.0548

Previews

White Background



This preview shows how the XYZ color 23.9765, 17.9219, 13.5048 looks on a white background.

Color Contrast Check

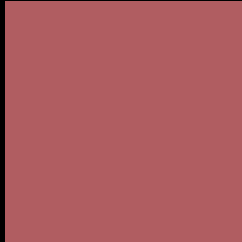
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9765, 17.9219, 13.5048 looks on a 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 23.9765, 17.9219, 13.5048

Background



This preview shows how black text looks on a background with the XYZ color 23.9765, 17.9219, 13.5048.

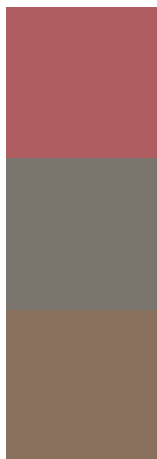


This preview shows how white text looks on a background with the XYZ color 23.9765, 17.9219,

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

23.9765, 17.9219, 13.5048

Protanopia

17.2648, 18.1986, 17.0707

Deuteranopia

18.4067, 18.0217, 13.0981



Tritanopia

24.0710, 17.9597, 14.0023

Trichromacy



Original Color

23.9765, 17.9219, 13.5048

Protanomaly

19.1738, 17.7080, 15.7720

Deuteranomaly

20.1685, 17.8097, 13.2011

Tritanomaly

24.0235, 17.9406, 13.7520

Monochromacy



Original Color

23.9765, 17.9219, 13.5048

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.9306, 17.5520, 17.1420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9765, 17.9219, 13.5048 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(176, 93, 97)` looks like.

```
.text, #text, p{  
    color:rgb(176, 93, 97)  
}
```

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(176, 93, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 93, 97) }
```

Border

The CSS property to change the border of an element to XYZ 23.9765, 17.9219, 13.5048 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(176, 93, 97) }
```


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

```
.border{ border-color:rgb(176, 93, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 93, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 93, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 93, 97);  
box-shadow:4px 4px 4px 4px rgb(176, 93,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9765, 17.9219, 13.5048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 93, 97) }
```

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

```
.background{ background-color: rgb(176, 93,  
97) }
```

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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