

Converting Colors

XYZ(23.5951, 17.5460, 9.9678)

Have a look what the booklet for
XYZ(23.5951, 17.5460, 9.9678)
contains.

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Color

**XYZ(23.5864, 17.5412,
9.9272)**

Conversions

Conversions Part 1

Format	Color
Hex	B25B51
RGB	178, 91, 81
RGB Percent	70%, 36%, 32%
CMY	0.3020, 0.6431, 0.6824
CMYK	0.00, 0.49, 0.54, 0.30
HSL	6°, 39%, 51%
HSV	6°, 54%, 70%
XYZ	23.5864, 17.5412, 9.9272
YIQ	115.8730, 55.0620, 15.3340

Conversions

Conversions Part 2

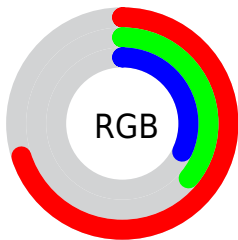
Format	Color
R_{YB}	178, 92, 81
Decimal	11688785
CIE _{Lab}	48.93, 34.31, 21.94
CIE _{LCh}	49, 40.727, 32.597
Yxy	17.5412, 0.4620, 0.3436
Android (android.graphics.Color)	4289878865 (0xFFB25B51)
YUV	115.8730, -17.1924, 54.4854
Hunter-Lab	41.8822, 27.2302, 15.2642

Details

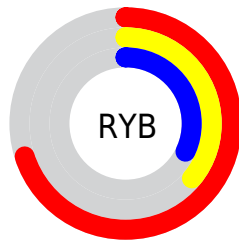
The XYZ color **23.5864, 17.5412, 9.9272** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **25.4310, 32.9672, 47.1424**, and the grayscale version is **16.6012, 17.4657, 19.0202**.

A 20% lighter version of the original color is **48.7768, 39.2612, 26.1264**, and **9.0316, 5.8483, 2.3219** is the 20% darker color. If you saturate the color by 10%, you get **21.7818, 14.8638, 6.4531**, and if you desaturate by 10%, it is **25.8572, 20.8710, 14.4202**.

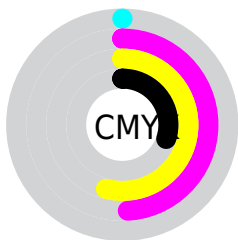
Distribution



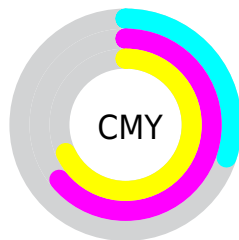
- Red (70%)
- Green (36%)
- Blue (32%)



- Red (70%)
- Yellow (36%)
- Blue (32%)



- Cyan (0%)
- Magenta (49%)
- Yellow (54%)
- Black (30%)





- Cyan (30%)
- Magenta (64%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.5864, 17.5412, 9.9272 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 23.5864, 17.5412, 9.9272 by changing the saturation by 10% instead.


 23.5864, 17.5412,
9.9272


 23.5864, 17.5412,
9.9272


263.2022,
238.2721, 200.6176


 15.1502, 10.6211,
5.2457


 48.8140, 39.2540,
26.2642


 9.0118, 5.8127,
2.3309


 66.3361, 54.8154,
38.7567


 4.8061, 2.7315,
0.7485

 87.6176, 74.0261,
54.6901

 2.1675, 0.9932,
0.0000

 113.0237, 97.2705,
74.4828

 0.7255, 0.0000,
0.0000

 142.9199,
124.9329, 98.5533

 0.0000, 0.0000,
0.0000

177.6714,

157.3977, 127.3203

217.6437,
195.0493, 161.2022

■ 23.5864, 17.5412,
9.9272

■ 23.5864, 17.5412,
9.9272

■ 21.7818, 14.8638,
6.4531

■ 25.8572, 20.8710,
14.4202

■ 20.4094, 12.7934,
3.9169

■ 28.6222, 24.8893,
20.0023

■ 19.4329, 11.2829,
2.2273

■ 31.9089, 29.6330,
26.7390

■ 18.8091, 10.2772,
1.2738

■ 35.7423, 35.1352,
34.6899

■ 18.5822, 9.9093,
0.9333

■ 40.1458, 41.4273,
43.9109

■ 45.1414, 48.5387,
54.4540

■ 50.7500, 56.4975,
66.3687

■ 56.9914, 65.3303,
79.7018

■ 63.8846, 75.0626,
94.4977

Harmonies

Analogous

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



25.0510, 17.5412, 18.1705



23.5864, 17.5412, 9.9272



20.2514, 17.5412, 5.9274

Triad

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



23.5864, 17.5412, 9.9272



11.0098, 17.5412, 11.0226



17.0043, 17.5412, 48.4053

Complementary

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



23.5864, 17.5412, 9.9272



25.4310, 32.9672, 47.1424

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.



13.5420, 17.5412, 44.2239



23.5864, 17.5412, 9.9272



10.4075, 17.5412, 20.0594

Square

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



23.5864, 17.5412, 9.9272



13.0509, 17.5412, 6.3709



11.2617, 17.5412, 32.6728



20.9086, 17.5412, 42.5916

Rectangle

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



23.5864, 17.5412, 9.9272



17.6279, 17.5412, 4.9893



11.2617, 17.5412, 32.6728



15.7521, 17.5412, 48.1227

Sweetspot

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



23.5868, 17.5421, 9.9275



63.5027, 61.8333, 60.1716



28.3984, 18.1883, 39.2064



13.7462, 13.2363, 12.6599



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.



23.5868, 17.5421, 9.9275



39.0422, 26.2693, 10.8401



29.1069, 28.5823, 11.7676



8.5646, 8.6417, 8.8691



13.3189, 7.1364, 0.6755



0.4419, 0.2702, 0.0289

Inverse Universe

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



25.4310, 32.9672, 47.1424



42.6670, 56.9527, 85.1254



18.1217, 18.3487, 44.7059



8.6663, 9.4788, 10.8792



14.7267, 20.2537, 33.2702



0.4847, 0.6800, 1.0539

Previews

White Background



This preview shows how the XYZ color 23.5864, 17.5412, 9.9272 looks on a white background.

Color Contrast Check

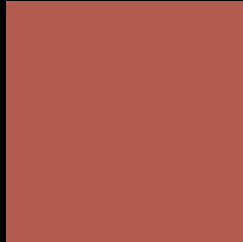
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5864, 17.5412, 9.9272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

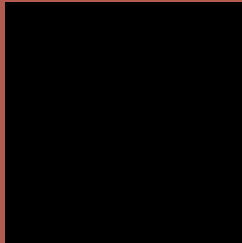
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.5864, 17.5412, 9.9272

Background



This preview shows how black text looks on a background with the XYZ color 23.5864, 17.5412, 9.9272.



This preview shows how white text looks on a background with the XYZ color 23.5864, 17.5412,

9.9272.

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

23.5864, 17.5412, 9.9272

Protanopia

16.6052, 17.7804, 12.6820

Deuteranopia

17.9489, 17.6996, 9.4915



Tritanopia

24.2283, 17.5547, 12.9379

Trichromacy



Original Color

23.5864, 17.5412, 9.9272

Protanomaly

18.6256, 17.3590, 11.6015

Deuteranomaly

19.6519, 17.3207, 9.5152

Tritanomaly

24.0920, 17.6342, 11.8068

Monochromacy



Original Color

23.5864, 17.5412, 9.9272

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.3533, 16.9836, 15.1428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5864, 17.5412, 9.9272 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(178, 91, 81)` looks like.

```
.text, #text, p{  
    color:rgb(178, 91, 81)  
}
```

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(178, 91, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 91, 81) }
```

Border

The CSS property to change the border of an element to XYZ 23.5864, 17.5412, 9.9272 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(178, 91, 81) }
```


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

```
.border{ border-color:rgb(178, 91, 81) }
```

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

Here you see how a box with a 4 pixel rgb(178, 91, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 91, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 91, 81);  
box-shadow:4px 4px 4px 4px rgb(178, 91,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5864, 17.5412, 9.9272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 91, 81) }
```

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

```
.background{ background-color: rgb(178, 91,  
81) }
```

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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