

Converting Colors

XYZ(23.9837, 17.4437, 9.5020)

Have a look what the booklet for
XYZ(23.9837, 17.4437, 9.5020)
contains.

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Color

**XYZ(24.0397, 17.5330,
9.5143)**

Conversions

Conversions Part 1

Format	Color
Hex	B5594F
RGB	181, 89, 79
RGB Percent	71%, 35%, 31%
CMY	0.2902, 0.6510, 0.6902
CMYK	0.00, 0.51, 0.56, 0.29
HSL	6°, 41%, 51%
HSV	6°, 56%, 71%
XYZ	24.0397, 17.5330, 9.5143
YIQ	115.3680, 58.0420, 16.3940

Conversions

Conversions Part 2

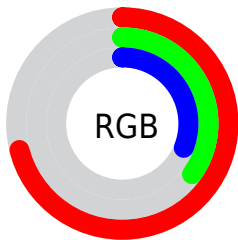
Format	Color
R_{YB}	181, 90, 79
Decimal	11884879
CIE Lab	48.92, 36.36, 23.19
CIE LCh	49, 43.122, 32.531
Yxy	17.5330, 0.4706, 0.3432
Android (android.graphics.Color)	4290074959 (0xFFB5594F)
YUV	115.3680, -17.9294, 57.5593
Hunter-Lab	41.8724, 29.2033, 15.8388

Details

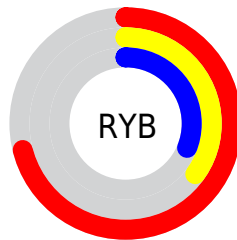
The XYZ color **24.0397, 17.5330, 9.5143** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.1269, 34.1223, 48.9251**, and the grayscale version is **16.4484, 17.3050, 18.8452**.

A 20% lighter version of the original color is **49.6968, 39.3090, 25.3902**, and **9.1826, 5.7775, 2.1446** is the 20% darker color. If you saturate the color by 10%, you get **22.2572, 14.8828, 6.1005**, and if you desaturate by 10%, it is **26.3036, 20.8592, 13.9738**.

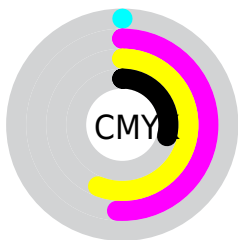
Distribution



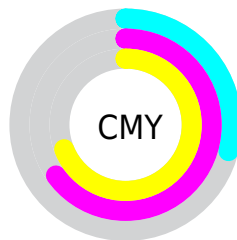
- Red (71%)
- Green (35%)
- Blue (31%)



- Red (71%)
- Yellow (35%)
- Blue (31%)



- Cyan (0%)
- Magenta (51%)
- Yellow (56%)
- Black (29%)





- Cyan (29%)
- Magenta (65%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.0397, 17.5330, 9.5143 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 24.0397, 17.5330, 9.5143 by changing the saturation by 10% instead.


 24.0397, 17.5330,
9.5143


 24.0397, 17.5330,
9.5143


265.4579,
238.2255, 197.5267


 15.4880, 10.6152,
4.9768


 49.5492, 39.2399,
25.4712


 9.2511, 5.8087,
2.1751


 67.2376, 54.7979,
37.7277


 4.9637, 2.7291,
0.6600

 88.7024, 74.0047,
53.3942

 2.2605, 0.9920,
0.0000

 114.3088, 97.2448,
72.8894

 0.7744, 0.0000,
0.0000

 144.4222,
124.9025, 96.6316

 0.0000, 0.0000,
0.0000

179.4079,

157.3623, 125.0396

219.6314,
195.0084, 158.5318

■ 24.0397, 17.5330,
9.5143

■ 24.0397, 17.5330,
9.5143

■ 22.2572, 14.8828,
6.1005

■ 26.3036, 20.8592,
13.9738

■ 20.9199, 12.8597,
3.6460

■ 29.0793, 24.9006,
19.5539

■ 19.9881, 11.4124,
2.0522

■ 32.3959, 29.6965,
26.3239

■ 19.4128, 10.4794,
1.1891

■ 36.2803, 35.2828,
34.3471

■ 19.2683, 10.2484,
0.9626

■ 40.7573, 41.6928,
43.6823

■ 45.8504, 48.9581,
54.3848

■ 51.5818, 57.1085,
66.5063

■ 57.9724, 66.1726,
80.0963

■ 65.0424, 76.1773,
95.2016

Harmonies

Analogous

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



25.6061, 17.5330, 18.1326



24.0397, 17.5330, 9.5143



20.4765, 17.5330, 5.4438

Triad

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



24.0397, 17.5330, 9.5143



10.7214, 17.5330, 10.6151



17.0071, 17.5330, 50.7017

Complementary

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



24.0397, 17.5330, 9.5143



26.1269, 34.1223, 48.9251

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.



13.3578, 17.5330, 46.1184



24.0397, 17.5330, 9.5143



10.0925, 17.5330, 20.0815

Square

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



24.0397, 17.5330, 9.5143



12.8557, 17.5330, 5.8769



10.9770, 17.5330, 33.5821



21.1600, 17.5330, 44.3863

Rectangle

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



24.0397, 17.5330, 9.5143



17.6861, 17.5330, 4.5069



10.9770, 17.5330, 33.5821



15.6832, 17.5330, 50.3846

Sweetspot

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



24.0401, 17.5339, 9.5146



64.2859, 62.1983, 60.0800



29.3465, 18.4136, 41.2893



13.5855, 12.9995, 12.3452



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.



24.0401, 17.5339, 9.5146



39.1187, 25.5375, 9.5370



29.6277, 28.7090, 11.3771



8.5612, 8.6349, 8.8680



13.3078, 7.1142, 0.6718



0.4405, 0.2674, 0.0284

Inverse Universe

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



26.1269, 34.1223, 48.9251



43.1640, 58.1119, 87.2364



18.4633, 18.7951, 46.3706



8.6700, 9.4862, 10.8804



14.8372, 20.4747, 33.3070



0.4873, 0.6851, 1.0548

Previews

White Background



This preview shows how the XYZ color 24.0397, 17.5330, 9.5143 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 24.0397, 17.5330, 9.5143 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 24.0397, 17.5330, 9.5143

Background



This preview shows how black text looks on a background with the XYZ color 24.0397, 17.5330, 9.5143.



This preview shows how white text looks on a background with the XYZ color 24.0397, 17.5330,

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

24.0397, 17.5330, 9.5143

Protanopia

16.7071, 17.8379, 12.4600

Deuteranopia

18.0487, 17.7591, 9.1332



Tritanopia

24.6754, 17.5518, 12.4432

Trichromacy



Original Color

24.0397, 17.5330, 9.5143

Protanomaly

18.6550, 17.2233, 11.3580

Deuteranomaly

19.9651, 17.4904, 9.1612

Tritanomaly

24.5426, 17.6291, 11.3417

Monochromacy



Original Color

24.0397, 17.5330, 9.5143

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

18.1998, 16.7563, 14.8454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0397, 17.5330, 9.5143 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(181, 89, 79)` looks like.

```
.text, #text, p{  
    color:rgb(181, 89, 79)  
}
```

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(181, 89, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 89, 79) }
```

Border

The CSS property to change the border of an element to XYZ 24.0397, 17.5330, 9.5143 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(181, 89, 79) }
```


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

```
.border{ border-color:rgb(181, 89, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 89, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 89, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 89, 79);  
box-shadow:4px 4px 4px 4px rgb(181, 89,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0397, 17.5330, 9.5143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 89, 79) }
```

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

```
.background{ background-color: rgb(181, 89,  
79) }
```

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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