

Converting Colors

XYZ(24.1372, 17.7439, 8.0747)

Have a look what the booklet for
XYZ(24.1372, 17.7439, 8.0747)
contains.

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Color

**XYZ(24.0849, 17.7123,
8.1106)**

Conversions

Conversions Part 1

Format	Color
Hex	B65A47
RGB	182, 90, 71
RGB Percent	71%, 35%, 28%
CMY	0.2863, 0.6470, 0.7216
CMYK	0.00, 0.51, 0.61, 0.29
HSL	10°, 44%, 50%
HSV	10°, 61%, 71%
XYZ	24.0849, 17.7123, 8.1106
YIQ	115.3420, 60.9310, 13.5950

Conversions

Conversions Part 2

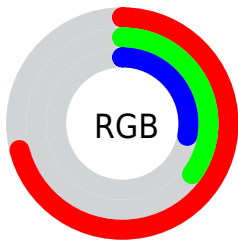
Format	Color
R_{YB}	182, 94, 71
Decimal	11950663
CIE _{Lab}	49.15, 35.60, 28.17
CIE _{LCh}	49, 45.398, 38.350
Yxy	17.7123, 0.4826, 0.3549
Android (android.graphics.Color)	4290140743 (0xFFB65A47)
YUV	115.3420, -21.8606, 58.4591
Hunter-Lab	42.0860, 28.5012, 18.0341

Details

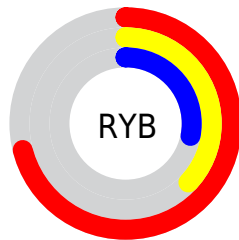
The XYZ color **24.0849, 17.7123, 8.1106** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **24.1384, 30.9096, 48.9498**, and the grayscale version is **16.4515, 17.3082, 18.8487**.

A 20% lighter version of the original color is **49.6811, 39.5793, 22.7904**, and **9.2688, 5.8818, 1.6837** is the 20% darker color. If you saturate the color by 10%, you get **22.4401, 15.2218, 5.0995**, and if you desaturate by 10%, it is **26.1636, 20.7911, 12.1295**.

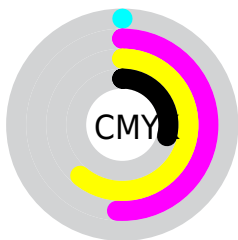
Distribution



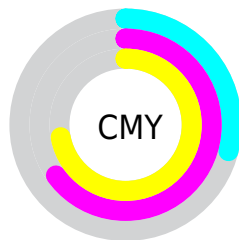
- Red (71%)
- Green (35%)
- Blue (28%)



- Red (71%)
- Yellow (37%)
- Blue (28%)



- Cyan (0%)
- Magenta (51%)
- Yellow (61%)
- Black (29%)





- Cyan (29%)
- Magenta (65%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.0849, 17.7123, 8.1106 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 24.0849, 17.7123, 8.1106 by changing the saturation by 10% instead.


 24.0849, 17.7123,
8.1106


 24.0849, 17.7123,
8.1106


265.6819,
239.2444, 186.5638


 15.5217, 10.7436,
4.0770


 49.6224, 39.5465,
22.7247


 9.2750, 5.8947,
1.6677


 67.3274, 55.1808,
34.1423

 4.9795, 2.7812,
0.3384

 88.8103, 74.4724,
48.8584

 2.2699, 1.0186,
0.0000

 114.4366, 97.8058,
67.2914

 0.7792, 0.0000,
0.0000

 144.5715,
125.5653, 89.8599

 0.0000, 0.0000,
0.0000

179.5805,

158.1353, 116.9824

219.8288,
195.9002, 149.0776

■ 24.0849, 17.7123,
8.1106

■ 24.0849, 17.7123,
8.1106

■ 22.4401, 15.2218,
5.0995

■ 26.1636, 20.7911,
12.1295

■ 21.1962, 13.2788,
3.0051

■ 28.7036, 24.4897,
17.2348

■ 20.3169, 11.8417,
1.7209

■ 31.7314, 28.8409,
23.4982

■ 19.7856, 10.9335,
1.0676

■ 35.2710, 33.8742,
30.9851

■ 39.3449, 39.6175,
39.7559

■ 43.9741, 46.0968,
49.8671

■ 49.1788, 53.3370,
61.3717

■ 54.9777, 61.3619,
74.3199

■ 61.3891, 70.1940,
88.7595

Harmonies

Analogous

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



26.2751, 17.7123, 16.0851



24.0849, 17.7123, 8.1106



20.0308, 17.7123, 4.6931

Triad

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



24.0849, 17.7123, 8.1106



10.3289, 17.7123, 11.8806



18.0489, 17.7123, 52.9093

Complementary

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



24.0849, 17.7123, 8.1106



24.1384, 30.9096, 48.9498

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.



13.9986, 17.7123, 50.2093



24.0849, 17.7123, 8.1106



9.9795, 17.7123, 22.8849

Square

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



24.0849, 17.7123, 8.1106



12.2599, 17.7123, 6.1452



11.2090, 17.7123, 37.7384



22.4266, 17.7123, 44.0528

Rectangle

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



24.0849, 17.7123, 8.1106



17.0712, 17.7123, 4.0825



11.2090, 17.7123, 37.7384



16.6010, 17.7123, 53.3775

Sweetspot

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



24.0853, 17.7132, 8.1109



65.8319, 64.0802, 60.2110



28.2004, 17.1139, 36.7026



14.0896, 13.5161, 12.3347



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



24.0853, 17.7132, 8.1109



39.8750, 26.3479, 7.8391



30.5541, 30.6508, 10.2672



9.1256, 9.2542, 9.4122



14.0069, 7.7902, 0.7654



0.5324, 0.3518, 0.0399

Inverse Universe

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



24.1384, 30.9096, 48.9498



39.8607, 52.0870, 88.1886



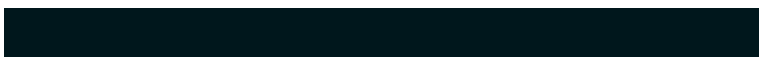
16.4047, 15.4422, 46.3719



9.1323, 9.9419, 11.5171



13.8021, 18.0638, 34.0123



0.5215, 0.7067, 1.2107

Previews

White Background



This preview shows how the XYZ color 24.0849, 17.7123, 8.1106 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 24.0849, 17.7123, 8.1106 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 24.0849, 17.7123, 8.1106

Background



This preview shows how black text looks on a background with the XYZ color 24.0849, 17.7123, 8.1106.



This preview shows how white text looks on a background with the XYZ color 24.0849, 17.7123,

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

24.0849, 17.7123, 8.1106

Protanopia

16.6367, 17.8438, 10.5500

Deuteranopia

18.1350, 17.8332, 7.7965



Tritanopia

24.9124, 17.6740, 12.4543

Trichromacy



Original Color

24.0849, 17.7123, 8.1106

Protanomaly

18.6655, 17.2685, 9.5571

Deuteranomaly

19.8983, 17.4861, 7.7952

Tritanomaly

24.6579, 17.7026, 10.7117

Monochromacy



Original Color

24.0849, 17.7123, 8.1106

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

18.0536, 16.6979, 14.0759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0849, 17.7123, 8.1106 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(182, 90, 71)` looks like.

```
.text, #text, p{  
    color:rgb(182, 90, 71)  
}
```

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(182, 90, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 90, 71) }
```

Border

The CSS property to change the border of an element to XYZ 24.0849, 17.7123, 8.1106 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(182, 90, 71) }
```


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

```
.border{ border-color:rgb(182, 90, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 90, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 90, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 90, 71);  
box-shadow:4px 4px 4px 4px rgb(182, 90,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0849, 17.7123, 8.1106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 90, 71) }
```

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

```
.background{ background-color: rgb(182, 90,  
71) }
```

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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