

Converting Colors

XYZ(24.9873, 17.1618, 11.0124)

Have a look what the booklet for
XYZ(24.9873, 17.1618, 11.0124)
contains.

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Color

**XYZ(24.9873, 17.1618,
11.0124)**

Conversions

Conversions Part 1

Format	Color
Hex	BA5257
RGB	186, 82, 87
RGB Percent	73%, 32%, 34%
CMY	0.2706, 0.6784, 0.6588
CMYK	0.00, 0.56, 0.53, 0.27
HSL	357°, 43%, 53%
HSV	357°, 56%, 73%
XYZ	24.9873, 17.1618, 11.0124
YIQ	113.6660, 60.3790, 23.6030

Conversions

Conversions Part 2

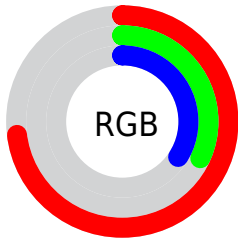
Format	Color
R _Y B	186, 82, 87
Decimal	12210775
CIE Lab	48.46, 42.45, 17.96
CIE LCh	48, 46.090, 22.935
Yxy	17.1618, 0.4700, 0.3228
Android (android.graphics.Color)	4290400855 (0xFFBA5257)
YUV	113.6660, -13.1463, 63.4369
Hunter-Lab	41.4268, 35.1685, 13.2378

Details

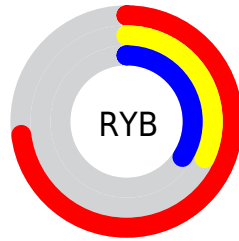
The XYZ color **24.9873, 17.1618, 11.0124** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **29.3801, 40.2482, 49.9391**, and the grayscale version is **15.9202, 16.7493, 18.2400**.

A 20% lighter version of the original color is **51.1854, 38.7269, 28.4442**, and **9.7594, 5.6351, 2.7638** is the 20% darker color. If you saturate the color by 10%, you get **23.1331, 14.4726, 7.2524**, and if you desaturate by 10%, it is **27.4000, 20.6840, 15.8342**.

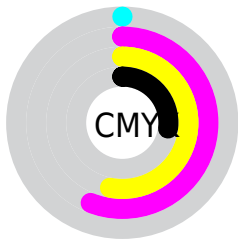
Distribution



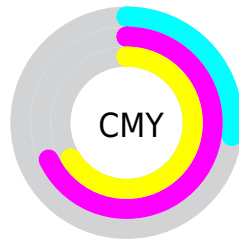
- Red (73%)
- Green (32%)
- Blue (34%)



- Red (73%)
- Yellow (32%)
- Blue (34%)



- Cyan (0%)
- Magenta (56%)
- Yellow (53%)
- Black (27%)




- Cyan (27%)
- Magenta (68%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.9873, 17.1618, 11.0124 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 24.9873, 17.1618, 11.0124 by changing the saturation by 10% instead.


 24.9873, 17.1618,
11.0124


 24.9873, 17.1618,
11.0124

270.1235,
236.1031, 208.4931


 16.1963, 10.3499,
5.9609


 51.0797, 38.6038,
28.3201


 9.7549, 5.6316,
2.7529


 69.1117, 54.0026,
41.4134


 5.2978, 2.6224,
0.9699

 90.9548, 73.0326,
58.0243

 2.4595, 0.9379,
0.0000

 116.9743, 96.0781,
78.5715

 0.8749, 0.0000,
0.0000

 147.5356,
123.5235, 103.4734

 0.0000, 0.0000,
0.0000

183.0040,

155.7532, 133.1486

223.7448,
193.1516, 168.0157

■ 24.9873, 17.1618,
11.0124

■ 24.9873, 17.1618,
11.0124

■ 23.1331, 14.4726,
7.2524

■ 27.4000, 20.6840,
15.8342

■ 21.7912, 12.5453,
4.4732

■ 30.4096, 25.0973,
21.7886

■ 20.9106, 11.3018,
2.5837

■ 34.0529, 30.4575,
28.9417

■ 20.4270, 10.6421,
1.4746

■ 38.3631, 36.8152,
37.3540

■ 20.2986, 10.4586,
1.2054

■ 43.3712, 44.2175,
47.0819

■ 49.1064, 52.7085,
58.1786

■ 55.5959, 62.3296,
70.6941

■ 62.8659, 73.1202,
84.6760

■ 70.9409, 85.1177,
100.1698

Harmonies

Analogous

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



25.7660, 17.1618, 21.6939



24.9873, 17.1618, 11.0124



21.7095, 17.1618, 5.5976

Triad

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



24.9873, 17.1618, 11.0124



10.6542, 17.1618, 7.8852



15.3336, 17.1618, 52.5532

Complementary

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



24.9873, 17.1618, 11.0124



29.3801, 40.2482, 49.9391

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.



11.8922, 17.1618, 44.0512



24.9873, 17.1618, 11.0124



9.5096, 17.1618, 15.9704

Square

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



24.9873, 17.1618, 11.0124



13.3487, 17.1618, 4.4126



9.9202, 17.1618, 29.2879



19.6838, 17.1618, 49.3123

Rectangle

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



24.9873, 17.1618, 11.0124



18.8116, 17.1618, 4.1088



9.9202, 17.1618, 29.2879



14.0438, 17.1618, 50.8836

Sweetspot

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



24.9877, 17.1627, 11.0127



68.3911, 65.0402, 65.4777



30.8899, 19.3803, 48.5669



14.6997, 13.7899, 13.7153



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



24.9877, 17.1627, 11.0127



41.3189, 25.3507, 11.8911



29.5972, 26.6971, 11.5770



9.0216, 9.0190, 9.4613



13.6643, 7.0395, 0.8531



0.4876, 0.2505, 0.0613

Inverse Universe

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



24.9877, 17.1627, 11.0127



41.3189, 25.3507, 11.8911



21.6051, 23.8633, 49.9216



9.0216, 9.0190, 9.4613



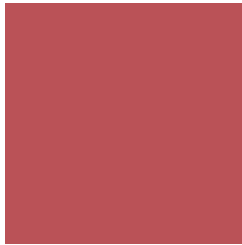
13.6643, 7.0395, 0.8531



0.4876, 0.2505, 0.0613

Previews

White Background



This preview shows how the XYZ color 24.9873, 17.1618, 11.0124 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 24.9873, 17.1618, 11.0124 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 24.9873, 17.1618, 11.0124

Background



This preview shows how black text looks on a background with the XYZ color 24.9873, 17.1618, 11.0124.

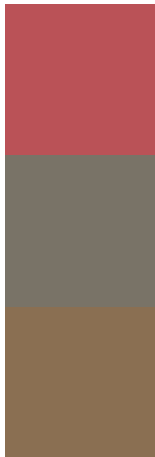


This preview shows how white text looks on a background with the XYZ color 24.9873, 17.1618,

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

24.9873, 17.1618, 11.0124

Protanopia

16.4641, 17.3057, 15.3045

Deuteranopia

17.6887, 17.3813, 10.4053



Tritanopia

24.9873, 17.1618, 11.0124

Trichromacy



Original Color

24.9873, 17.1618, 11.0124

Protanomaly

18.6850, 16.5833, 13.5254

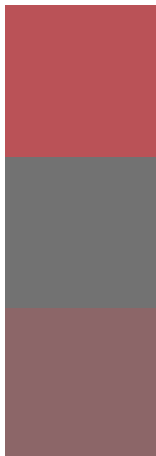
Deuteranomaly

19.6750, 16.7230, 10.5784

Tritanomaly

24.9873, 17.1618, 11.0124

Monochromacy



Original Color

24.9873, 17.1618, 11.0124

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

18.0653, 16.0777, 15.2479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9873, 17.1618, 11.0124 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(186, 82, 87)` looks like.

```
.text, #text, p{  
    color:rgb(186, 82, 87)  
}
```

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(186, 82, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 82, 87) }
```

Border

The CSS property to change the border of an element to XYZ 24.9873, 17.1618, 11.0124 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(186, 82, 87) }
```


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

```
.border{ border-color:rgb(186, 82, 87) }
```

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

Here you see how a box with a 4 pixel rgb(186, 82, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 82, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 82, 87);  
box-shadow:4px 4px 4px 4px rgb(186, 82,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9873, 17.1618, 11.0124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 82, 87) }
```

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

```
.background{ background-color: rgb(186, 82,  
87) }
```

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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