

Converting Colors

XYZ(24.5972, 15.9199, 8.7231)

Have a look what the booklet for
XYZ(24.5972, 15.9199, 8.7231)
contains.

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Color

**XYZ(24.6432, 15.9894,
8.8086)**

Conversions

Conversions Part 1

Format	Color
Hex	BD484D
RGB	189, 72, 77
RGB Percent	74%, 28%, 30%
CMY	0.2588, 0.7176, 0.6980
CMYK	0.00, 0.62, 0.59, 0.26
HSL	357°, 47%, 51%
HSV	357°, 62%, 74%
XYZ	24.6432, 15.9894, 8.8086
YIQ	107.5530, 68.1270, 26.3590

Conversions

Conversions Part 2

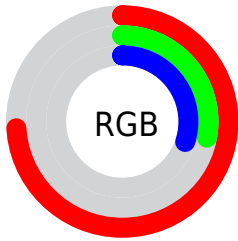
Format	Color
RYB	189, 72, 77
Decimal	12404813
CIELab	46.96, 47.45, 22.05
CIElCh	47, 52.321, 24.930
Yxy	15.9894, 0.4984, 0.3234
Android (android.graphics.Color)	4290594893 (0xFFBD484D)
YUV	107.5530, -15.0626, 71.4290
Hunter-Lab	39.9867, 40.0299, 14.9298

Details

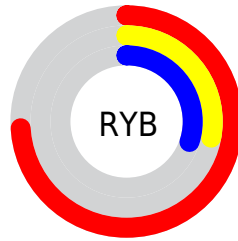
The XYZ color **24.6432, 15.9894, 8.8086** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **29.5230, 41.2340, 51.7539**, and the grayscale version is **14.1570, 14.8942, 16.2198**.

A 20% lighter version of the original color is **50.5239, 36.4976, 24.1205**, and **9.6001, 5.0950, 1.9163** is the 20% darker color. If you saturate the color by 10%, you get **23.0512, 13.6896, 5.5525**, and if you desaturate by 10%, it is **26.7892, 19.1130, 13.1261**.

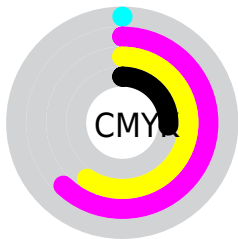
Distribution



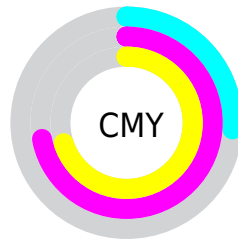
- Red (74%)
- Green (28%)
- Blue (30%)



- Red (74%)
- Yellow (28%)
- Blue (30%)



- Cyan (0%)
- Magenta (62%)
- Yellow (59%)
- Black (26%)





- Cyan (26%)
- Magenta (72%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.6432, 15.9894, 8.8086 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 24.6432, 15.9894, 8.8086 by changing the saturation by 10% instead.


 24.6432, 15.9894,
8.8086


 24.6432, 15.9894,
8.8086


268.4369,
229.2792, 192.1088


 15.9387, 9.5167,
4.5214


 50.5249, 36.5798,
24.1008


 9.5714, 5.0797,
1.9155


 68.4328, 51.4662,
35.9430

 5.1758, 2.2941,
0.5026

 90.1392, 69.9260,
51.1406

 2.3866, 0.7706,
0.0000

 116.0096, 92.3436,
70.1122

 0.8384, 0.0000,
0.0000

 146.4092,
119.1033, 93.2762

 0.0000, 0.0000,
0.0000

181.7033,

150.5895, 121.0513

222.2575,
187.1867, 153.8560

■ 24.6432, 15.9894,
8.8086

■ 24.6432, 15.9894,
8.8086

■ 23.0512, 13.6896,
5.5525

■ 26.7892, 19.1130,
13.1261

■ 21.9611, 12.1335,
3.2654

■ 29.5325, 23.1256,
18.5853

■ 21.3132, 11.2299,
1.8403

■ 32.9137, 28.0886,
25.2595

■ 21.0304, 10.8364,
1.2149

■ 36.9693, 34.0575,
33.2158

■ 41.7331, 41.0833,
42.5164

■ 47.2367, 49.2138,
53.2194

■ 53.5097, 58.4937,
65.3795

■ 60.5802, 68.9652,
79.0484

■ 68.4747, 80.6686,
94.2755

Harmonies

Analogous

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



25.7421, 15.9894, 19.7307



24.6432, 15.9894, 8.8086



20.8281, 15.9894, 3.8652

Triad

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



24.6432, 15.9894, 8.8086



9.0788, 15.9894, 6.5813



14.4337, 15.9894, 56.4502

Complementary

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



24.6432, 15.9894, 8.8086



29.5230, 41.2340, 51.7539

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.



10.6857, 15.9894, 47.2095



24.6432, 15.9894, 8.8086



8.0157, 15.9894, 15.2783

Square

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



24.6432, 15.9894, 8.8086



11.7854, 15.9894, 3.1055



8.5388, 15.9894, 30.3223



19.2117, 15.9894, 51.6694

Rectangle

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



24.6432, 15.9894, 8.8086



17.5994, 15.9894, 2.6598



8.5388, 15.9894, 30.3223



13.0247, 15.9894, 54.7860

Sweetspot

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



24.6436, 15.9903, 8.8089



68.3037, 64.0794, 63.5796



31.0672, 18.3955, 50.0571



14.1936, 13.0508, 12.7049



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.



24.6436, 15.9903, 8.8089



40.5496, 23.4636, 8.4170



29.4460, 25.8665, 9.5729



9.5462, 9.5428, 9.9995



14.1572, 7.2940, 0.8555



0.5603, 0.2880, 0.0636

Inverse Universe

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



24.6436, 15.9903, 8.8089



40.5496, 23.4636, 8.4170



20.7123, 22.7601, 51.4454



9.5462, 9.5428, 9.9995



14.1572, 7.2940, 0.8555



0.5603, 0.2880, 0.0636

Previews

White Background



This preview shows how the XYZ color 24.6432, 15.9894, 8.8086 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 24.6432, 15.9894, 8.8086 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 24.6432, 15.9894, 8.8086

Background



This preview shows how black text looks on a background with the XYZ color 24.6432, 15.9894, 8.8086.



This preview shows how white text looks on a background with the XYZ color 24.6432, 15.9894,

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

24.6432, 15.9894, 8.8086

Protanopia

15.2858, 16.2480, 12.9202

Deuteranopia

16.3867, 16.1212, 8.2093



Tritanopia

24.6432, 15.9894, 8.8086

Trichromacy



Original Color

24.6432, 15.9894, 8.8086

Protanomaly

17.5377, 15.1833, 11.2388

Deuteranomaly

18.7229, 15.4550, 8.2996

Tritanomaly

24.6432, 15.9894, 8.8086

Monochromacy



Original Color

24.6432, 15.9894, 8.8086

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

16.5664, 14.3659, 13.2090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6432, 15.9894, 8.8086 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(189, 72, 77)` looks like.

```
.text, #text, p{  
    color:rgb(189, 72, 77)  
}
```

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(189, 72, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 72, 77) }
```

Border

The CSS property to change the border of an element to XYZ 24.6432, 15.9894, 8.8086 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(189, 72, 77) }
```


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

```
.border{ border-color:rgb(189, 72, 77) }
```

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

Here you see how a box with a 4 pixel rgb(189, 72, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 72, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 72, 77);  
box-shadow:4px 4px 4px 4px rgb(189, 72,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6432, 15.9894, 8.8086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 72, 77) }
```

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

```
.background{ background-color: rgb(189, 72,  
77) }
```

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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