

Converting Colors

XYZ(24.2512, 15.8799, 8.9947)

Have a look what the booklet for
XYZ(24.2512, 15.8799, 8.9947)
contains.

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Color

**XYZ(24.2512, 15.8799,
8.9947)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BB494E |
| RGB | 187, 73, 78 |
| RGB Percent | 73%, 29%, 31% |
| CMY | 0.2667, 0.7137, 0.6941 |
| CMYK | 0.00, 0.61, 0.58, 0.27 |
| HSL | 357°, 46%, 51% |
| HSV | 357°, 61%, 73% |
| XYZ | 24.2512, 15.8799, 8.9947 |
| YIQ | 107.6560, 66.3390, 25.7230 |

Conversions

Conversions Part 2

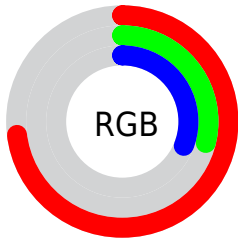
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 187, 73, 78 |
| Decimal | 12273998 |
| CIE _{Lab} | 46.82, 46.37, 21.20 |
| CIE _{LCh} | 47, 50.984, 24.571 |
| Yxy | 15.8799, 0.4937, 0.3232 |
| Android (android.graphics.Color) | 4290464078 (0xFFBB494E) |
| YUV | 107.6560, -14.6204, 69.5847 |
| Hunter-Lab | 39.8496, 38.8927, 14.5120 |

Details

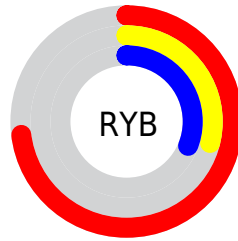
The XYZ color **24.2512, 15.8799, 8.9947** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **28.9625, 40.3349, 50.5179**, and the grayscale version is **14.1848, 14.9235, 16.2517**.

A 20% lighter version of the original color is **50.0030, 36.4105, 24.4711**, and **9.3479, 5.0188, 1.9894** is the 20% darker color. If you saturate the color by 10%, you get **22.6457, 13.5592, 5.7153**, and if you desaturate by 10%, it is **26.4011, 19.0107, 13.3157**.

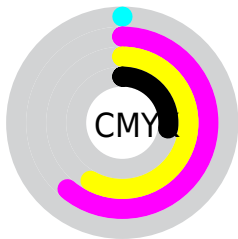
Distribution



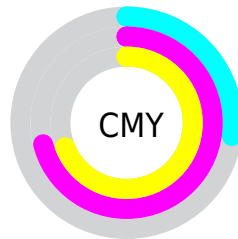
- Red (73%)
- Green (29%)
- Blue (31%)



- Red (73%)
- Yellow (29%)
- Blue (31%)



- Cyan (0%)
- Magenta (61%)
- Yellow (58%)
- Black (27%)





- Cyan (27%)
- Magenta (71%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.2512, 15.8799, 8.9947 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 24.2512, 15.8799, 8.9947 by changing the saturation by 10% instead.


 24.2512, 15.8799,
8.9947


 24.2512, 15.8799,
8.9947


266.5050,
228.6320, 193.5550


 15.6458, 9.4392,
4.6410


 49.8915, 36.3896,
24.4642


 9.3631, 5.0288,
1.9832


 67.6571, 51.2274,
36.4170


 5.0378, 2.2641,
0.5449

 89.2069, 69.6330,
51.7399

 2.3044, 0.7546,
0.0000

 114.9061, 91.9908,
70.8515

 0.7969, 0.0000,
0.0000

 145.1202,
118.6852, 94.1702

 0.0000, 0.0000,
0.0000

180.2145,

150.1006, 122.1147

220.5543,
186.6214, 155.1034

■ 24.2512, 15.8799,
8.9947

■ 24.2512, 15.8799,
8.9947

■ 22.6457, 13.5592,
5.7153

■ 26.4011, 19.0107,
13.3157

■ 21.5347, 11.9717,
3.3888

■ 29.1371, 23.0140,
18.7552

■ 20.8611, 11.0302,
1.9134

■ 32.4982, 27.9495,
25.3838

■ 20.5383, 10.5827,
1.1954

■ 36.5197, 33.8706,
33.2663

■ 41.2344, 40.8267,
42.4625

■ 46.6727, 48.8639,
53.0286

■ 52.8633, 58.0257,
65.0174

■ 59.8334, 68.3529,
78.4789

■ 67.6087, 79.8845,
93.4608

Harmonies

Analogous

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



25.2719, 15.8799, 19.7052



24.2512, 15.8799, 8.9947



20.5951, 15.8799, 4.0498

Triad

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



24.2512, 15.8799, 8.9947



9.1574, 15.8799, 6.6467



14.3010, 15.8799, 54.7711

Complementary

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



24.2512, 15.8799, 8.9947



28.9625, 40.3349, 50.5179

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.



10.6707, 15.8799, 45.7955



24.2512, 15.8799, 8.9947



8.0971, 15.8799, 15.0816

Square

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



24.2512, 15.8799, 8.9947



11.8184, 15.8799, 3.2339



8.5913, 15.8799, 29.5614



18.9236, 15.8799, 50.3620

Rectangle

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



24.2512, 15.8799, 8.9947



17.4773, 15.8799, 2.8178



8.5913, 15.8799, 29.5614



12.9367, 15.8799, 53.1260

Sweetspot

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



24.2516, 15.8808, 8.9950



67.5360, 63.8013, 63.7399



30.4791, 18.2139, 48.9227



14.3591, 13.2931, 13.0333



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.



24.2516, 15.8808, 8.9950



39.8253, 23.2322, 8.7156



28.9420, 25.5374, 9.7083



9.5467, 9.5430, 10.0017



14.1582, 7.2944, 0.8606



0.5604, 0.2881, 0.0646

Inverse Universe

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



24.2516, 15.8808, 8.9950



39.8253, 23.2322, 8.7156



20.4801, 22.5293, 50.2827



9.5467, 9.5430, 10.0017



14.1582, 7.2944, 0.8606



0.5604, 0.2881, 0.0646

Previews

White Background



This preview shows how the XYZ color 24.2512, 15.8799, 8.9947 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 24.2512, 15.8799, 8.9947 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 24.2512, 15.8799, 8.9947

Background



This preview shows how black text looks on a background with the XYZ color 24.2512, 15.8799, 8.9947.



This preview shows how white text looks on a background with the XYZ color 24.2512, 15.8799,

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

24.2512, 15.8799, 8.9947

Protanopia

15.0861, 15.9770, 13.1152

Deuteranopia

16.2589, 16.0516, 8.3722



Tritanopia

24.2512, 15.8799, 8.9947

Trichromacy



Original Color

24.2512, 15.8799, 8.9947

Protanomaly

17.2332, 15.0214, 11.4423

Deuteranomaly

18.4651, 15.4511, 8.4877

Tritanomaly

24.2512, 15.8799, 8.9947

Monochromacy



Original Color

24.2512, 15.8799, 8.9947

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 24.2512, 15.8799, 8.9947 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(187, 73, 78)` looks like.

```
.text, #text, p{  
    color:rgb(187, 73, 78)  
}
```

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(187, 73, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 73, 78) }
```

Border

The CSS property to change the border of an element to XYZ 24.2512, 15.8799, 8.9947 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(187, 73, 78) }
```


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

```
.border{ border-color:rgb(187, 73, 78) }
```

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

Here you see how a box with a 4 pixel rgb(187, 73, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 73, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 73, 78);  
box-shadow:4px 4px 4px 4px rgb(187, 73,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2512, 15.8799, 8.9947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 73, 78) }
```

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

```
.background{ background-color: rgb(187, 73,  
78) }
```

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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