

Converting Colors

XYZ(24.7472, 16.3926, 8.6028)

Have a look what the booklet for
XYZ(24.7472, 16.3926, 8.6028)
contains.

XYZ(24.7723, 16.3590, 8.5086)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.7723, 16.3590,
8.5086)**

Conversions

Conversions Part 1

Format	Color
Hex	BD4B4B
RGB	189, 75, 75
RGB Percent	74%, 29%, 29%
CMY	0.2588, 0.7059, 0.7059
CMYK	0.00, 0.60, 0.60, 0.26
HSL	0°, 46%, 52%
HSV	0°, 60%, 74%
XYZ	24.7723, 16.3590, 8.5086
YIQ	109.0860, 67.9440, 24.1680

Conversions

Conversions Part 2

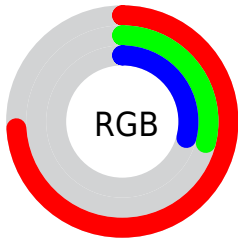
Format	Color
RYB	189, 75, 75
Decimal	12405579
CIELab	47.44, 45.93, 23.88
CIElCh	47, 51.763, 27.470
Yxy	16.3590, 0.4990, 0.3296
Android (android.graphics.Color)	4290595659 (0xFFBD4B4B)
YUV	109.0860, -16.8044, 70.0846
Hunter-Lab	40.4463, 38.5457, 15.8397

Details

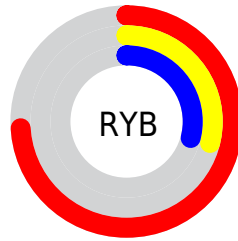
The XYZ color **24.7723, 16.3590, 8.5086** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **30.2829, 41.5620, 54.5699**, and the grayscale version is **14.5936, 15.3536, 16.7201**.

A 20% lighter version of the original color is **50.7816, 37.2176, 23.5760**, and **9.6695, 5.2774, 1.8053** is the 20% darker color. If you saturate the color by 10%, you get **23.1218, 13.9441, 5.2272**, and if you desaturate by 10%, it is **26.9964, 19.6139, 12.9293**.

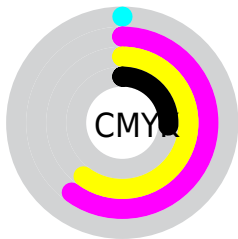
Distribution



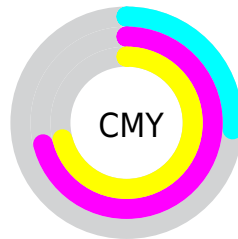
- Red (74%)
- Green (29%)
- Blue (29%)



- Red (74%)
- Yellow (29%)
- Blue (29%)



- Cyan (0%)
- Magenta (60%)
- Yellow (60%)
- Black (26%)




- Cyan (26%)
- Magenta (71%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.7723, 16.3590, 8.5086 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 24.7723, 16.3590, 8.5086 by changing the saturation by 10% instead.


 24.7723, 16.3590,
8.5086

 24.7723, 16.3590,
8.5086


269.0707,
231.4509, 189.7496


 16.0353, 9.7785,
4.3297


 50.7331, 37.2203,
23.5121


 9.6402, 5.2524,
1.8079


 68.6877, 52.2700,
35.1737

 5.2215, 2.3961,
0.4332

 90.4455, 70.9115,
50.1666

 2.4139, 0.8239,
0.0000

 116.3719, 93.5293,
68.9093

 0.8520, 0.0000,
0.0000

 146.8323,
120.5077, 91.8205

 0.0000, 0.0000,
0.0000

182.1920,

152.2312, 119.3185

222.8163,
189.0841, 151.8221

■ 24.7723, 16.3590,
8.5086

■ 24.7723, 16.3590,
8.5086

■ 23.1218, 13.9441,
5.2272

■ 26.9964, 19.6139,
12.9293

■ 21.9913, 12.2898,
2.9800

■ 29.8389, 23.7733,
18.5800

■ 21.3191, 11.3062,
1.6439

■ 33.3416, 28.8988,
25.5433

■ 20.9862, 10.8190,
0.9822

■ 37.5424, 35.0457,
33.8942

■ 42.4761, 42.2651,
43.7022

■ 48.1753, 50.6046,
55.0321

■ 54.6707, 60.1092,
67.9450

■ 61.9913, 70.8212,
82.4982

■ 70.1645, 82.7809,
98.7466

Harmonies

Analogous

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



26.1430, 16.3590, 18.9521



24.7723, 16.3590, 8.5086



20.7966, 16.3590, 3.8671

Triad

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



24.7723, 16.3590, 8.5086



9.2293, 16.3590, 7.3808



15.1622, 16.3590, 56.9004

Complementary

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



24.7723, 16.3590, 8.5086



30.2829, 41.5620, 54.5699

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.



11.2675, 16.3590, 48.7697



24.7723, 16.3590, 8.5086



8.2907, 16.3590, 16.7189

Square

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



24.7723, 16.3590, 8.5086



11.8211, 16.3590, 3.4777



8.9567, 16.3590, 32.2082



19.9876, 16.3590, 50.9875

Rectangle

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



24.7723, 16.3590, 8.5086



17.5442, 16.3590, 2.7745



8.9567, 16.3590, 32.2082



13.7107, 16.3590, 55.6566

Sweetspot

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



24.7727, 16.3599, 8.5089



68.9238, 65.2327, 64.0541



32.6874, 19.5251, 50.1896



14.3049, 13.2717, 12.7470



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.



24.7727, 16.3599, 8.5089



40.7473, 24.0022, 8.0416



30.5074, 27.8293, 10.4204



9.5302, 9.5365, 9.9151



14.1203, 7.2794, 0.6608



0.5531, 0.2852, 0.0259

Inverse Universe

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



30.2829, 41.5620, 54.5699



51.4617, 73.0066, 97.6056



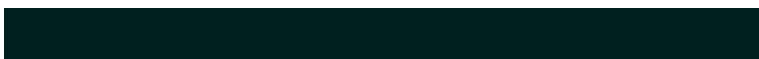
20.3382, 21.6725, 51.2550



9.8086, 10.8095, 12.2417



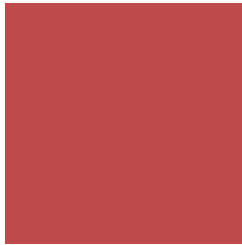
18.4225, 26.9568, 36.6251



0.7216, 1.0559, 1.4346

Previews

White Background



This preview shows how the XYZ color 24.7723, 16.3590, 8.5086 looks on a white background.

Color Contrast Check

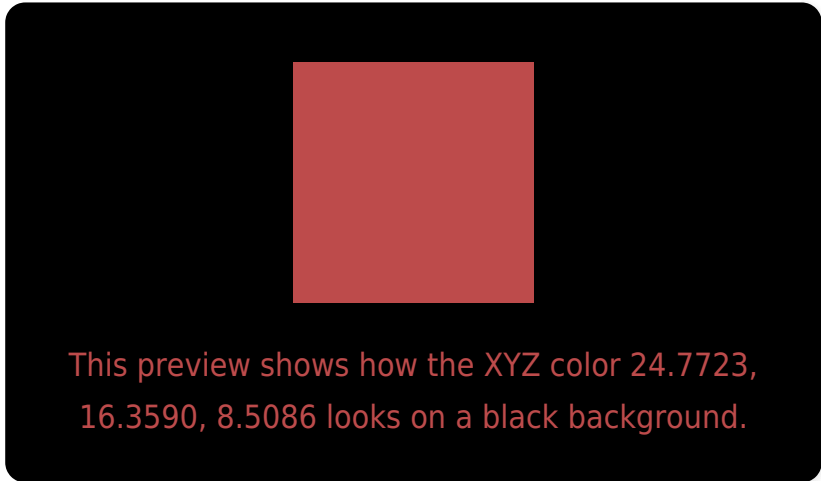
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 24.7723, 16.3590, 8.5086

Background



This preview shows how black text looks on a background with the XYZ color 24.7723, 16.3590, 8.5086.



This preview shows how white text looks on a background with the XYZ color 24.7723, 16.3590,

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

24.7723, 16.3590, 8.5086

Protanopia

15.5392, 16.5587, 12.2747

Deuteranopia

16.7533, 16.4732, 7.9269



Tritanopia

24.8463, 16.2809, 9.2301

Trichromacy



Original Color

24.7723, 16.3590, 8.5086

Protanomaly

17.7786, 15.5993, 10.6683

Deuteranomaly

19.0305, 15.8886, 8.0250

Tritanomaly

24.8102, 16.2664, 9.0398

Monochromacy



Original Color

24.7723, 16.3590, 8.5086

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

16.9136, 14.8157, 13.2775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7723, 16.3590, 8.5086 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, 75, 75)` looks like.

```
.text, #text, p{  
    color:rgb(189, 75, 75)  
}
```

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, 75, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 75, 75) }
```

Border

The CSS property to change the border of an element to XYZ 24.7723, 16.3590, 8.5086 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, 75, 75) }
```


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

```
.border{ border-color:rgb(189, 75, 75) }
```

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

Here you see how a box with a 4 pixel rgb(189, 75, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 75, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 75, 75);  
box-shadow:4px 4px 4px 4px rgb(189, 75,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7723, 16.3590, 8.5086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 75, 75) }
```

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

```
.background{ background-color: rgb(189, 75,  
75) }
```

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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