

Converting Colors

XYZ(24.6185, 15.9195, 7.2889)

Have a look what the booklet for
XYZ(24.6185, 15.9195, 7.2889)
contains.

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Color

**XYZ(24.5318, 15.8710,
7.2393)**

Conversions

Conversions Part 1

Format	Color
Hex	BE4744
RGB	190, 71, 68
RGB Percent	75%, 28%, 27%
CMY	0.2549, 0.7215, 0.7333
CMYK	0.00, 0.63, 0.64, 0.25
HSL	1°, 48%, 51%
HSV	1°, 64%, 75%
XYZ	24.5318, 15.8710, 7.2393
YIQ	106.2390, 71.8870, 24.2950

Conversions

Conversions Part 2

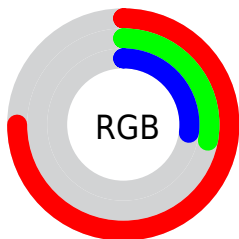
Format	Color
RYB	190, 71, 68
Decimal	12470084
CIELab	46.80, 47.64, 27.26
CIElCh	47, 54.885, 29.781
Yxy	15.8710, 0.5149, 0.3331
Android (android.graphics.Color)	4290660164 (0xFFBE4744)
YUV	106.2390, -18.8518, 73.4584
Hunter-Lab	39.8384, 40.1999, 17.1129

Details

The XYZ color **24.5318, 15.8710, 7.2393** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **29.4468, 40.4840, 54.9770**, and the grayscale version is **13.8022, 14.5210, 15.8134**.

A 20% lighter version of the original color is **50.1437, 36.1855, 20.8646**, and **9.4791, 5.0114, 1.3874** is the 20% darker color. If you saturate the color by 10%, you get **23.0388, 13.6675, 4.3296**, and if you desaturate by 10%, it is **26.5728, 18.8701, 11.2587**.

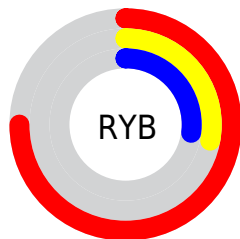
Distribution



Red (75%)

Green (28%)

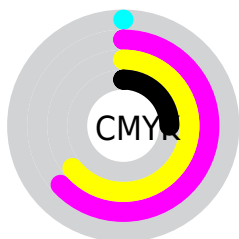
Blue (27%)



Red (75%)

Yellow (28%)

Blue (27%)

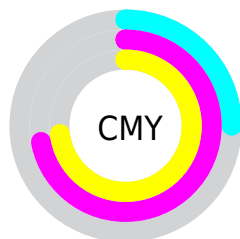


Cyan (0%)

Magenta (63%)

Yellow (64%)

Black (25%)



Cyan (25%)


Magenta (72%)


Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5318, 15.8710, 7.2393 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 24.5318, 15.8710, 7.2393 by changing the saturation by 10% instead.


 24.5318, 15.8710,
7.2393


 24.5318, 15.8710,
7.2393


267.8890,
228.5793, 179.3432


 15.8554, 9.4329,
3.5315


 50.3450, 36.3741,
20.9740


 9.5121, 5.0246,
1.3720


 68.2126, 51.2079,
31.8381

 5.1365, 2.2617,
0.1197

 89.8746, 69.6091,
45.9246

 2.3631, 0.7533,
0.0000

 115.6965, 91.9620,
63.6521

 0.8267, 0.0000,
0.0000

 146.0435,
118.6511, 85.4392

 0.0000, 0.0000,
0.0000

181.2810,

150.0608, 111.7044

221.7744,
186.5754, 142.8662

■ 24.5318, 15.8710,
7.2393

■ 24.5318, 15.8710,
7.2393

■ 23.0388, 13.6675,
4.3296

■ 26.5728, 18.8701,
11.2587

■ 22.0398, 12.1817,
2.4180

■ 29.2066, 22.7278,
16.4834

■ 21.4722, 11.3247,
1.3708

■ 32.4749, 27.5041,
22.9994

■ 21.2859, 11.0487,
1.0107

■ 36.4150, 33.2526,
30.8849

■ 41.0617, 40.0229,
40.2115

■ 46.4470, 47.8613,
51.0463

■ 52.6012, 56.8112,
63.4518

■ 59.5529, 66.9136,
77.4871

■ 67.3292, 78.2073,
93.2084

Harmonies

Analogous

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



26.2459, 15.8710, 17.3813



24.5318, 15.8710, 7.2393



20.1900, 15.8710, 3.0676

Triad

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



24.5318, 15.8710, 7.2393



8.4644, 15.8710, 7.1425



15.0499, 15.8710, 59.1266

Complementary

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



24.5318, 15.8710, 7.2393



29.4468, 40.4840, 54.9770

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.



10.9222, 15.8710, 51.3841



24.5318, 15.8710, 7.2393



7.6443, 15.8710, 17.1807

Square

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



24.5318, 15.8710, 7.2393



10.9712, 15.8710, 3.0361



8.4406, 15.8710, 33.8939



20.1165, 15.8710, 51.5917

Rectangle

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



24.5318, 15.8710, 7.2393



16.7719, 15.8710, 2.1754



8.4406, 15.8710, 33.8939



13.5150, 15.8710, 58.1856

Sweetspot

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



24.5322, 15.8719, 7.2396



69.9542, 66.0369, 63.9198



32.3756, 18.7108, 49.4629



14.8385, 13.7392, 12.9873



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



24.5322, 15.8719, 7.2396



40.9173, 23.5324, 6.2422



30.3992, 27.6060, 9.1952



9.5485, 9.5730, 9.9212



14.1625, 7.3638, 0.6749



0.5613, 0.3015, 0.0286

Inverse Universe

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



29.4468, 40.4840, 54.9770



50.4713, 71.4989, 99.4197



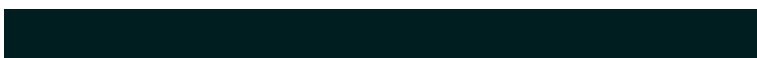
19.2632, 20.1168, 51.5824



9.7879, 10.7681, 12.2348



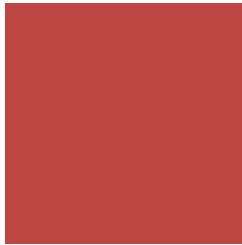
17.7693, 25.6504, 36.4074



0.7025, 1.0176, 1.4282

Previews

White Background



This preview shows how the XYZ color 24.5318, 15.8710, 7.2393 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 24.5318, 15.8710, 7.2393 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 24.5318, 15.8710, 7.2393

Background



This preview shows how black text looks on a background with the XYZ color 24.5318, 15.8710, 7.2393.



This preview shows how white text looks on a background with the XYZ color 24.5318, 15.8710,

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

24.5318, 15.8710, 7.2393

Protanopia

14.8924, 15.9309, 10.6776

Deuteranopia

16.1769, 15.8901, 6.7719



Tritanopia

24.6614, 15.8219, 8.2327

Trichromacy



Original Color

24.5318, 15.8710, 7.2393

Protanomaly

17.2351, 14.9355, 9.1822

Deuteranomaly

18.5501, 15.2668, 6.8196

Tritanomaly

24.5951, 15.7953, 7.8834

Monochromacy



Original Color

24.5318, 15.8710, 7.2393

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

16.1626, 13.9198, 11.9601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5318, 15.8710, 7.2393 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(190, 71, 68)` looks like.

```
.text, #text, p{  
    color:rgb(190, 71, 68)  
}
```

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(190, 71, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 71, 68) }
```

Border

The CSS property to change the border of an element to XYZ 24.5318, 15.8710, 7.2393 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(190, 71, 68) }
```


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

```
.border{ border-color:rgb(190, 71, 68) }
```

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

Here you see how a box with a 4 pixel rgb(190, 71, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 71, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 71, 68);  
box-shadow:4px 4px 4px 4px rgb(190, 71,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5318, 15.8710, 7.2393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 71, 68) }
```

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

```
.background{ background-color: rgb(190, 71,  
68) }
```

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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