

Converting Colors

XYZ(22.7209, 15.2197, 8.2451)

Have a look what the booklet for
XYZ(22.7209, 15.2197, 8.2451)
contains.

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Color

**XYZ(22.7409, 15.2157,
8.2169)**

Conversions

Conversions Part 1

Format	Color
Hex	B54A4A
RGB	181, 74, 74
RGB Percent	71%, 29%, 29%
CMY	0.2902, 0.7098, 0.7098
CMYK	0.00, 0.59, 0.59, 0.29
HSL	0°, 42%, 50%
HSV	0°, 59%, 71%
XYZ	22.7409, 15.2157, 8.2169
YIQ	105.9930, 63.7720, 22.6840

Conversions

Conversions Part 2

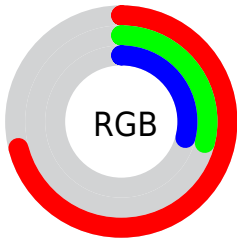
Format	Color
RYB	181, 74, 74
Decimal	11881034
CIELab	45.93, 43.47, 22.26
CIELCh	46, 48.837, 27.110
Yxy	15.2157, 0.4925, 0.3295
Android (android.graphics.Color)	4290071114 (0xFFB54A4A)
YUV	105.9930, -15.7725, 65.7811
Hunter-Lab	39.0073, 35.8011, 14.8157

Details

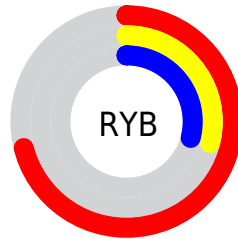
The XYZ color **22.7409, 15.2157, 8.2169** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **27.6873, 37.8375, 49.5601**, and the grayscale version is **13.7278, 14.4427, 15.7281**.

A 20% lighter version of the original color is **47.4402, 35.3096, 23.0540**, and **8.6190, 4.7373, 1.6884** is the 20% darker color. If you saturate the color by 10%, you get **21.1771, 12.9276, 5.1078**, and if you desaturate by 10%, it is **24.8285, 18.2707, 12.3663**.

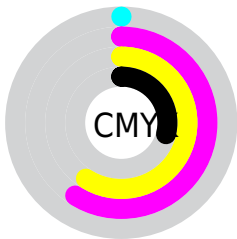
Distribution



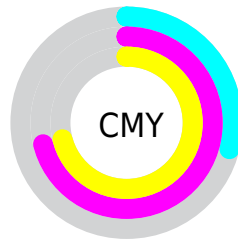
- Red (71%)
- Green (29%)
- Blue (29%)



- Red (71%)
- Yellow (29%)
- Blue (29%)



- Cyan (0%)
- Magenta (59%)
- Yellow (59%)
- Black (29%)



- Cyan (29%)
- Magenta (71%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7409, 15.2157, 8.2169 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 22.7409, 15.2157, 8.2169 by changing the saturation by 10% instead.

■ 22.7409, 15.2157,
8.2169

■ 22.7409, 15.2157,
8.2169

258.9517,
224.6681, 187.4212

■ 14.5219, 8.9709,
4.1443

■ 47.4373, 35.2311,
22.9357

■ 8.5687, 4.7222,
1.7048

■ 64.6455, 49.7706,
34.4190

■ 4.5158, 2.0852,
0.3640

■ 85.5808, 67.8437,
49.2096

■ 1.9979, 0.6563,
0.0000

■ 110.6086, 89.8349,
67.7261

■ 0.6328, 0.0000,
0.0000

■ 140.0942,
116.1285, 90.3869

■ 0.0000, 0.0000,
0.0000

174.4030,

147.1090, 117.6107

213.9004,
183.1607, 149.8159

■ 22.7409, 15.2157,
8.2169

■ 22.7409, 15.2157,
8.2169

■ 21.1771, 12.9276,
5.1078

■ 24.8285, 18.2707,
12.3663

■ 20.0897, 11.3364,
2.9462

■ 27.4794, 22.1499,
17.6362

■ 19.4247, 10.3633,
1.6245

■ 30.7309, 26.9078,
24.1000

■ 19.0823, 9.8622,
0.9438

■ 34.6166, 32.5936,
31.8245

■ 19.0561, 9.8239,
0.8918

■ 39.1675, 39.2529,
40.8717

■ 44.4129, 46.9284,
51.2993

■ 50.3801, 55.6600,
63.1620

■ 57.0950, 65.4857,
76.5110

■ 64.5821, 76.4415,
91.3954

Harmonies

Analogous

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



23.9266, 15.2157, 17.7399



22.7409, 15.2157, 8.2169



19.2149, 15.2157, 3.8710

Triad

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



22.7409, 15.2157, 8.2169



8.7681, 15.2157, 7.0349



14.0656, 15.2157, 51.2226

Complementary

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



22.7409, 15.2157, 8.2169



27.6873, 37.8375, 49.5601

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.



10.5657, 15.2157, 43.9275



22.7409, 15.2157, 8.2169



7.8947, 15.2157, 15.4475

Square

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



22.7409, 15.2157, 8.2169



11.1380, 15.2157, 3.4523



8.4846, 15.2157, 29.2364



18.3894, 15.2157, 46.1597

Rectangle

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



22.7409, 15.2157, 8.2169



16.3060, 15.2157, 2.8190



8.4846, 15.2157, 29.2364



12.7626, 15.2157, 50.0769

Sweetspot

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



22.7413, 15.2165, 8.2172



62.6166, 59.2802, 58.2275



29.8453, 18.0576, 45.6284



13.0698, 12.1338, 11.6628



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



22.7413, 15.2165, 8.2172



37.2431, 22.1513, 7.7870



27.9462, 25.6265, 9.9521



8.4964, 8.5053, 8.8464



13.1370, 6.7725, 0.6148



0.4134, 0.2131, 0.0193

Inverse Universe

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



27.6873, 37.8375, 49.5601



46.9154, 66.3882, 88.6361



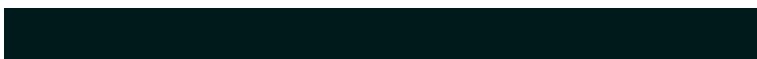
18.8187, 20.1003, 46.6039



8.7426, 9.6315, 10.9046



17.1397, 25.0798, 34.0745



0.5393, 0.7891, 1.0721

Previews

White Background



This preview shows how the XYZ color 22.7409, 15.2157, 8.2169 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 22.7409, 15.2157, 8.2169 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 22.7409, 15.2157, 8.2169

Background



This preview shows how black text looks on a background with the XYZ color 22.7409, 15.2157, 8.2169.



This preview shows how white text looks on a background with the XYZ color 22.7409, 15.2157,

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

22.7409, 15.2157, 8.2169

Protanopia

14.4743, 15.3716, 11.6553

Deuteranopia

15.6415, 15.4384, 7.7857



Tritanopia

22.8137, 15.1389, 8.9274

Trichromacy



Original Color

22.7409, 15.2157, 8.2169

Protanomaly

16.5983, 14.5813, 10.3271

Deuteranomaly

17.7177, 14.9444, 7.9120

Tritanomaly

22.7782, 15.1247, 8.7400

Monochromacy



Original Color

22.7409, 15.2157, 8.2169

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

15.6959, 13.8001, 12.4261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7409, 15.2157, 8.2169 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(181, 74, 74)` looks like.

```
.text, #text, p{  
    color:rgb(181, 74, 74)  
}
```

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(181, 74, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 74, 74) }
```

Border

The CSS property to change the border of an element to XYZ 22.7409, 15.2157, 8.2169 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(181, 74, 74) }
```


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

```
.border{ border-color:rgb(181, 74, 74) }
```

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

Here you see how a box with a 4 pixel rgb(181, 74, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 74, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 74, 74);  
box-shadow:4px 4px 4px 4px rgb(181, 74,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7409, 15.2157, 8.2169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 74, 74) }
```

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

```
.background{ background-color: rgb(181, 74,  
74) }
```

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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