

Converting Colors

XYZ(22.7748, 14.7966, 7.3726)

Have a look what the booklet for
XYZ(22.7748, 14.7966, 7.3726)
contains.

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Color

**XYZ(22.7621, 14.7657,
7.4447)**

Conversions

Conversions Part 1

Format	Color
Hex	B74546
RGB	183, 69, 70
RGB Percent	72%, 27%, 27%
CMY	0.2824, 0.7294, 0.7255
CMYK	0.00, 0.62, 0.62, 0.28
HSL	359°, 45%, 49%
HSV	359°, 62%, 72%
XYZ	22.7621, 14.7657, 7.4447
YIQ	103.2000, 67.6230, 24.4790

Conversions

Conversions Part 2

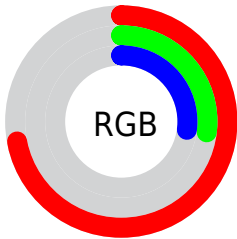
Format	Color
R_{YB}	183, 69, 70
Decimal	12010822
CIE _{Lab}	45.31, 46.23, 23.93
CIE _{LCh}	45, 52.051, 27.367
Yxy	14.7657, 0.5061, 0.3283
Android (android.graphics.Color)	4290200902 (0xFFB74546)
YUV	103.2000, -16.3676, 69.9846
Hunter-Lab	38.4262, 38.4904, 15.4114

Details

The XYZ color **22.7621, 14.7657, 7.4447** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **27.8323, 38.5100, 50.2255**, and the grayscale version is **12.9751, 13.6508, 14.8657**.

A 20% lighter version of the original color is **47.5378, 34.4602, 21.2855**, and **8.5860, 4.5162, 1.4561** is the 20% darker color. If you saturate the color by 10%, you get **21.3162, 12.6560, 4.5517**, and if you desaturate by 10%, it is **24.7288, 17.6403, 11.3647**.

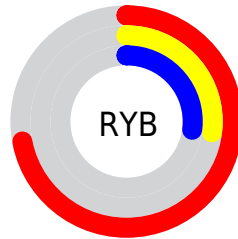
Distribution



Red (72%)

Green (27%)

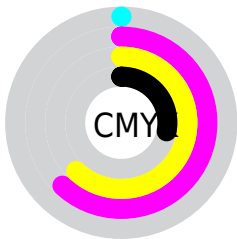
Blue (27%)



Red (72%)

Yellow (27%)

Blue (27%)

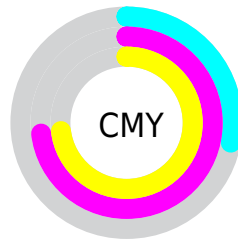


Cyan (0%)

Magenta (62%)

Yellow (62%)

Black (28%)



Cyan (28%)

Magenta (73%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7621, 14.7657, 7.4447 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 22.7621, 14.7657, 7.4447 by changing the saturation by 10% instead.

■ 22.7621, 14.7657,
7.4447

■ 22.7621, 14.7657,
7.4447

259.0589,
221.9437, 181.0781

■ 14.5377, 8.6551,
3.6591

■ 47.4719, 34.4416,
21.3903

■ 8.5798, 4.5169,
1.4403

■ 64.6881, 48.7757,
32.3874

■ 4.5230, 1.9667,
0.1728

■ 85.6321, 66.6198,
46.6254

■ 2.0021, 0.5880,
0.0000

■ 110.6695, 88.3583,
64.5229

■ 0.6351, 0.0000,
0.0000

■ 140.1655,
114.3755, 86.4983

■ 0.0000, 0.0000,
0.0000

174.4855,

145.0559, 112.9703

213.9949,
180.7838, 144.3574

■ 22.7621, 14.7657,
7.4447

■ 22.7621, 14.7657,
7.4447

■ 21.3162, 12.6560,
4.5517

■ 24.7288, 17.6403,
11.3647

■ 20.3407, 11.2362,
2.5890

■ 27.2582, 21.3409,
16.3951

■ 19.7773, 10.4204,
1.4428

■ 30.3892, 25.9251,
22.6113

■ 19.5372, 10.0708,
0.9599

■ 34.1570, 31.4447,
30.0822

■ 38.5940, 37.9476,
38.8714

■ 43.7306, 45.4783,
49.0380

■ 49.5950, 54.0786,
60.6377

■ 56.2142, 63.7881,
73.7231

■ 63.6135, 74.6442,
88.3440

Harmonies

Analogous

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



24.0549, 14.7657, 17.1932



22.7621, 14.7657, 7.4447



18.9979, 14.7657, 3.2242

Triad

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



22.7621, 14.7657, 7.4447



8.1451, 14.7657, 6.3700



13.6569, 14.7657, 53.3844

Complementary

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



22.7621, 14.7657, 7.4447



27.8323, 38.5100, 50.2255

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.



10.0207, 14.7657, 45.5176



22.7621, 14.7657, 7.4447



7.2735, 14.7657, 15.0109

Square

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



22.7621, 14.7657, 7.4447



10.5571, 14.7657, 2.8646



7.8829, 14.7657, 29.6523



18.2019, 14.7657, 47.7360

Rectangle

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



22.7621, 14.7657, 7.4447



15.9272, 14.7657, 2.2544



7.8829, 14.7657, 29.6523



12.2977, 14.7657, 52.1699

Sweetspot

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



22.7625, 14.7665, 7.4449



63.4131, 59.5971, 58.3122



29.7553, 17.5118, 46.6115



13.5316, 12.4679, 11.9393



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



22.7625, 14.7665, 7.4449



37.3919, 21.5231, 6.5757



27.8234, 24.9382, 8.9784



9.0077, 9.0135, 9.3880



13.6308, 7.0261, 0.6767



0.4816, 0.2481, 0.0295

Inverse Universe

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



22.7625, 14.7665, 7.4449



37.3919, 21.5231, 6.5757



18.7085, 20.0974, 47.6928



9.0077, 9.0135, 9.3880



13.6308, 7.0261, 0.6767



0.4816, 0.2481, 0.0295

Previews

White Background



This preview shows how the XYZ color 22.7621, 14.7657, 7.4447 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 22.7621, 14.7657, 7.4447 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 22.7621, 14.7657, 7.4447

Background



This preview shows how black text looks on a background with the XYZ color 22.7621, 14.7657, 7.4447.



This preview shows how white text looks on a background with the XYZ color 22.7621, 14.7657,

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

22.7621, 14.7657, 7.4447

Protanopia

14.1125, 15.0418, 10.9637

Deuteranopia

15.1357, 14.8960, 6.9280



Tritanopia

22.8592, 14.8046, 7.9561

Trichromacy



Original Color

22.7621, 14.7657, 7.4447

Protanomaly

16.2659, 14.1600, 9.4653

Deuteranomaly

17.3021, 14.3595, 7.0140

Tritanomaly

22.8263, 14.7914, 7.7828

Monochromacy



Original Color

22.7621, 14.7657, 7.4447

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

15.1451, 13.1430, 11.6362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7621, 14.7657, 7.4447 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(183, 69, 70)` looks like.

```
.text, #text, p{  
    color:rgb(183, 69, 70)  
}
```

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(183, 69, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 69, 70) }
```

Border

The CSS property to change the border of an element to XYZ 22.7621, 14.7657, 7.4447 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(183, 69, 70) }
```


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

```
.border{ border-color:rgb(183, 69, 70) }
```

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

Here you see how a box with a 4 pixel rgb(183, 69, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 69, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 69, 70);  
box-shadow:4px 4px 4px 4px rgb(183, 69,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7621, 14.7657, 7.4447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 69, 70) }
```

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

```
.background{ background-color: rgb(183, 69,  
70) }
```

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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