

Converting Colors

XYZ(22.1190, 13.3146, 7.0440)

Have a look what the booklet for
XYZ(22.1190, 13.3146, 7.0440)
contains.

XYZ(22.2075, 13.3524, 7.0370)	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(22.2075, 13.3524,
7.0370)**

Conversions

Conversions Part 1

Format	Color
Hex	B83745
RGB	184, 55, 69
RGB Percent	72%, 22%, 27%
CMY	0.2784, 0.7843, 0.7294
CMYK	0.00, 0.70, 0.62, 0.28
HSL	353°, 54%, 47%
HSV	353°, 70%, 72%
XYZ	22.2075, 13.3524, 7.0370
YIQ	95.1670, 72.3900, 31.7020

Conversions

Conversions Part 2

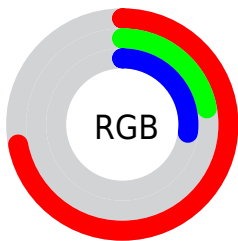
Format	Color
RYB	184, 55, 69
Decimal	12072773
CIELab	43.29, 52.40, 21.96
CIELCh	43, 56.815, 22.740
Yxy	13.3524, 0.5213, 0.3135
Android (android.graphics.Color)	4290262853 (0xFFB83745)
YUV	95.1670, -12.9003, 77.9065
Hunter-Lab	36.5409, 44.5355, 14.1607

Details

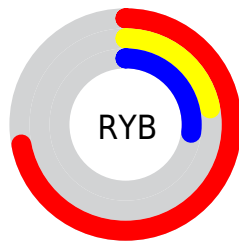
The XYZ color **22.2075, 13.3524, 7.0370** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **25.9729, 37.9958, 43.9992**, and the grayscale version is **10.9359, 11.5054, 12.5294**.

A 20% lighter version of the original color is **46.4430, 31.8487, 20.5292**, and **8.4986, 4.3597, 1.3709** is the 20% darker color. If you saturate the color by 10%, you get **21.0498, 11.7425, 4.4768**, and if you desaturate by 10%, it is **23.8323, 15.6716, 10.4476**.

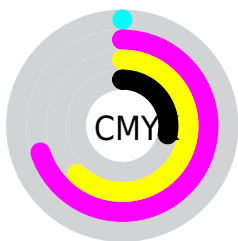
Distribution



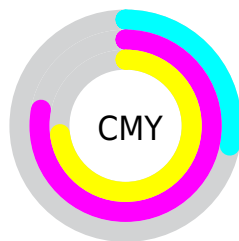
- Red (72%)
- Green (22%)
- Blue (27%)



- Red (72%)
- Yellow (22%)
- Blue (27%)



- Cyan (0%)
- Magenta (70%)
- Yellow (62%)
- Black (28%)



- Cyan (28%)
- Magenta (78%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2075, 13.3524, 7.0370 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 22.2075, 13.3524, 7.0370 by changing the saturation by 10% instead.

■ 22.2075, 13.3524,
7.0370

■ 22.2075, 13.3524,
7.0370

256.2400,
213.1640, 177.6134

■ 14.1269, 7.6717,
3.4065

■ 46.5650, 31.9354,
20.5617

■ 8.2913, 3.8856,
1.3057

■ 63.5726, 45.6065,
31.2930

■ 4.3353, 1.6098,
0.0665

■ 84.2867, 62.7099,
45.2283

■ 1.8935, 0.3642,
0.0000

■ 109.0724, 83.6298,
62.7861

■ 0.5731, 0.0000,
0.0000

■ 138.2953,
108.7508, 84.3849

■ 0.0000, 0.0000,
0.0000

■ 172.3206,

138.4573, 110.4434

211.5137,
173.1335, 141.3801

■ 22.2075, 13.3524,
7.0370

■ 22.2075, 13.3524,
7.0370

■ 21.0498, 11.7425,
4.4768

■ 23.8323, 15.6716,
10.4476

■ 20.3081, 10.7582,
2.6907

■ 25.9664, 18.7670,
14.7745

■ 19.8929, 10.2406,
1.5880

■ 28.6482, 22.7003,
20.0776

■ 31.9121, 27.5264,
26.4116

■ 35.7897, 33.2954,
33.8274

■ 40.3104, 40.0539,
42.3722

■ 45.5016, 47.8453,
52.0905

■ 51.3891, 56.7103,
63.0243

■ 57.9975, 66.6875,
75.2139

Harmonies

Analogous

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



23.0755, 13.3524, 17.8221



22.2075, 13.3524, 7.0370



18.5364, 13.3524, 2.5211

Triad

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



22.2075, 13.3524, 7.0370



7.0760, 13.3524, 4.2467



11.6512, 13.3524, 54.2802

Complementary

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



22.2075, 13.3524, 7.0370



25.9729, 37.9958, 43.9992

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.



8.2253, 13.3524, 43.6253



22.2075, 13.3524, 7.0370



6.0101, 13.3524, 11.6852

Square

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



22.2075, 13.3524, 7.0370



9.6923, 13.3524, 1.6834



6.3758, 13.3524, 26.0664



16.2522, 13.3524, 50.3138

Rectangle

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



22.2075, 13.3524, 7.0370



15.3718, 13.3524, 1.5020



6.3758, 13.3524, 26.0664



10.3416, 13.3524, 52.1493

Sweetspot

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



22.2078, 13.3532, 7.0372



63.9395, 58.9565, 59.5346



26.3698, 14.6234, 46.7798



13.3535, 12.0685, 12.0135



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.



22.2078, 13.3532, 7.0372



37.3585, 20.2099, 6.2335



25.4531, 20.4587, 6.2230



9.0432, 9.0276, 9.5747



13.7236, 7.0632, 1.1651



0.4969, 0.2542, 0.1103

Inverse Universe

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



22.2078, 13.3532, 7.0372



37.3585, 20.2099, 6.2335



18.8294, 21.4766, 48.5001



9.0432, 9.0276, 9.5747



13.7236, 7.0632, 1.1651



0.4969, 0.2542, 0.1103

Previews

White Background



This preview shows how the XYZ color 22.2075, 13.3524, 7.0370 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 22.2075, 13.3524, 7.0370 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 22.2075, 13.3524, 7.0370

Background



This preview shows how black text looks on a background with the XYZ color 22.2075, 13.3524, 7.0370.

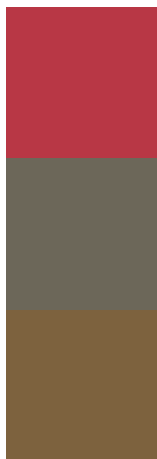


This preview shows how white text looks on a background with the XYZ color 22.2075, 13.3524,

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

22.2075, 13.3524, 7.0370

Protanopia

12.8378, 13.6099, 11.4015

Deuteranopia

13.6946, 13.4431, 6.4304



Tritanopia

22.0459, 13.4428, 5.7077

Trichromacy



Original Color

22.2075, 13.3524, 7.0370

Protanomaly

15.0041, 12.4990, 9.6044

Deuteranomaly

15.8255, 12.5272, 6.5849

Tritanomaly

22.0785, 13.3776, 6.1211

Monochromacy



Original Color

22.2075, 13.3524, 7.0370

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

13.3008, 10.9212, 10.2111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2075, 13.3524, 7.0370 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(184, 55, 69)` looks like.

```
.text, #text, p{  
    color:rgb(184, 55, 69)  
}
```

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(184, 55, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 55, 69) }
```

Border

The CSS property to change the border of an element to XYZ 22.2075, 13.3524, 7.0370 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(184, 55, 69) }
```


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

```
.border{ border-color:rgb(184, 55, 69) }
```

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

Here you see how a box with a 4 pixel rgb(184, 55, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 55, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 55, 69);  
box-shadow:4px 4px 4px 4px rgb(184, 55,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2075, 13.3524, 7.0370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 55, 69) }
```

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

```
.background{ background-color: rgb(184, 55,  
69) }
```

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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