

Converting Colors

XYZ(22.5048, 14.4025, 5.7315)

Have a look what the booklet for
XYZ(22.5048, 14.4025, 5.7315)
contains.

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Color

**XYZ(22.5048, 14.4025,
5.7315)**

Conversions

Conversions Part 1

Format	Color
Hex	B8423B
RGB	184, 66, 59
RGB Percent	72%, 26%, 23%
CMY	0.2784, 0.7411, 0.7686
CMYK	0.00, 0.64, 0.68, 0.28
HSL	3°, 51%, 48%
HSV	3°, 68%, 72%
XYZ	22.5048, 14.4025, 5.7315
YIQ	100.4840, 72.5750, 22.8390

Conversions

Conversions Part 2

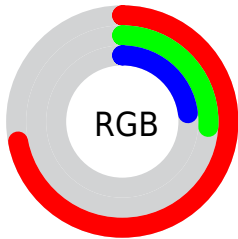
Format	Color
RYB	184, 66, 59
Decimal	12075579
CIELab	44.80, 47.24, 29.88
CIELCh	45, 55.894, 32.317
Yxy	14.4025, 0.5278, 0.3378
Android (android.graphics.Color)	4290265659 (0xFFB8423B)
YUV	100.4840, -20.4516, 73.2435
Hunter-Lab	37.9506, 39.4373, 17.6112

Details

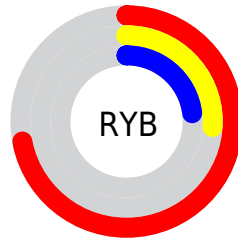
The XYZ color **22.5048, 14.4025, 5.7315** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **26.1762, 35.8322, 50.8839**, and the grayscale version is **12.2752, 12.9145, 14.0639**.

A 20% lighter version of the original color is **46.9069, 33.6677, 17.9362**, and **8.4166, 4.3442, 0.8851** is the 20% darker color. If you saturate the color by 10%, you get **21.2436, 12.5141, 3.3573**, and if you desaturate by 10%, it is **24.2429, 16.9759, 9.0945**.

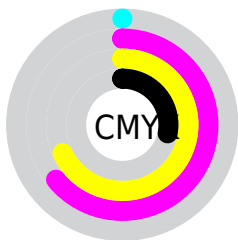
Distribution



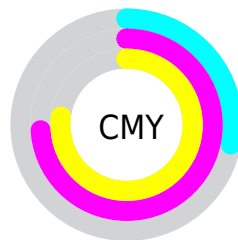
- Red (72%)
- Green (26%)
- Blue (23%)



- Red (72%)
- Yellow (26%)
- Blue (23%)



- Cyan (0%)
- Magenta (64%)
- Yellow (68%)
- Black (28%)





- Cyan (28%)
- Magenta (74%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5048, 14.4025, 5.7315 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 22.5048, 14.4025, 5.7315 by changing the saturation by 10% instead.

 22.5048, 14.4025,
5.7315

 22.5048, 14.4025,
5.7315


257.7543,
219.7206, 165.8723


 14.3470, 8.4011,
2.6164


 47.0516, 33.8015,
17.8389


 8.4457, 4.3527,
0.9009


 64.1712, 47.9680,
27.6683

 4.4356, 1.8727,
0.0000

 85.0089, 65.6249,
40.5729

 1.9514, 0.5319,
0.0000

 109.9299, 87.1567,
56.9712

 0.6065, 0.0000,
0.0000

 139.2996,
112.9478, 77.2818

 0.0000, 0.0000,
0.0000

 173.4833,

143.3825, 101.9231

212.8464,
178.8454, 131.3138

■ 22.5048, 14.4025,
5.7315

■ 22.5048, 14.4025,
5.7315

■ 21.2436, 12.5141,
3.3573

■ 24.2429, 16.9759,
9.0945

■ 20.4109, 11.2431,
1.8636

■ 26.4981, 20.2889,
13.5378

■ 19.9436, 10.5101,
1.0866

■ 29.3075, 24.3932,
19.1432

■ 19.8790, 10.4142,
0.9624

■ 32.7045, 29.3354,
25.9845

■ 36.7198, 35.1581,
34.1292

■ 41.3819, 41.9015,
43.6403

■ 46.7179, 49.6029,
54.5763

■ 52.7528, 58.2979,
66.9925

■ 59.5108, 68.0199,
80.9413

Harmonies

Analogous

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



24.4373, 14.4025, 14.6896



22.5048, 14.4025, 5.7315



18.1745, 14.4025, 2.3067

Triad

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



22.5048, 14.4025, 5.7315



7.3060, 14.4025, 6.6770



14.0463, 14.4025, 56.4660

Complementary

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



22.5048, 14.4025, 5.7315



26.1762, 35.8322, 50.8839

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.



10.0101, 14.4025, 50.0303



22.5048, 14.4025, 5.7315



6.6704, 14.4025, 16.7179

Square

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



22.5048, 14.4025, 5.7315



9.5205, 14.4025, 2.6009



7.5414, 14.4025, 33.2762



18.9254, 14.4025, 47.8648

Rectangle

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



22.5048, 14.4025, 5.7315



14.8938, 14.4025, 1.6451



7.5414, 14.4025, 33.2762



12.5513, 14.4025, 55.9865

Sweetspot

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



22.5051, 14.4033, 5.7317



64.7127, 61.0508, 58.1031



29.3418, 16.5226, 43.6305



13.5049, 12.5150, 11.6208



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.



22.5051, 14.4033, 5.7317



37.5989, 21.3018, 4.4295



28.2431, 25.8793, 7.6444



9.0439, 9.0908, 9.3849



13.7180, 7.2124, 0.6691



0.4973, 0.2817, 0.0282

Inverse Universe

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



26.1762, 35.8322, 50.8839



44.6177, 62.6536, 91.9464



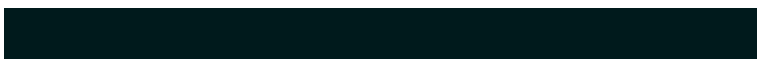
16.6147, 16.7091, 47.6967



9.2224, 10.1220, 11.5471



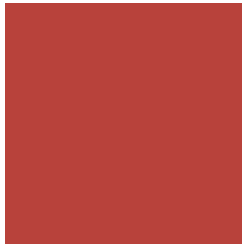
16.3702, 23.2001, 34.8683



0.5903, 0.8442, 1.2336

Previews

White Background



This preview shows how the XYZ color 22.5048, 14.4025, 5.7315 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 22.5048, 14.4025, 5.7315 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 22.5048, 14.4025, 5.7315

Background



This preview shows how black text looks on a background with the XYZ color 22.5048, 14.4025, 5.7315.



This preview shows how white text looks on a background with the XYZ color 22.5048, 14.4025,

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

22.5048, 14.4025, 5.7315

Protanopia

13.5640, 14.6546, 8.5923

Deuteranopia

14.7313, 14.5760, 5.2858



Tritanopia

22.7008, 14.3883, 7.0496

Trichromacy



Original Color

22.5048, 14.4025, 5.7315

Protanomaly

15.7165, 13.6594, 7.4384

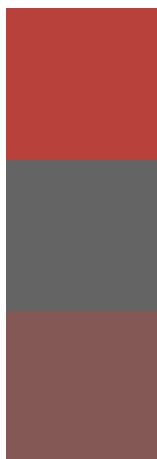
Deuteranomaly

16.8396, 13.9046, 5.4107

Tritanomaly

22.6116, 14.3526, 6.5796

Monochromacy



Original Color

22.5048, 14.4025, 5.7315

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

14.4895, 12.4606, 10.2358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5048, 14.4025, 5.7315 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, 66, 59)` looks like.

```
.text, #text, p{  
  color:rgb(184, 66, 59)  
}
```

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, 66, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 66, 59) }
```

Border

The CSS property to change the border of an element to XYZ 22.5048, 14.4025, 5.7315 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, 66, 59) }
```


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

```
.border{ border-color:rgb(184, 66, 59) }
```

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

Here you see how a box with a 4 pixel rgb(184, 66, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 66, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 66, 59);  
box-shadow:4px 4px 4px 4px rgb(184, 66,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5048, 14.4025, 5.7315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 66, 59) }
```

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

```
.background{ background-color: rgb(184, 66,  
59) }
```

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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