

Converting Colors

XYZ(25.5371, 14.3244, 7.3428)

Have a look what the booklet for
XYZ(25.5371, 14.3244, 7.3428)
contains.

XYZ(25.5544, 14.3248, 7.3793)	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(25.5544, 14.3248,
7.3793)**

Conversions

Conversions Part 1

Format	Color
Hex	C72B47
RGB	199, 43, 71
RGB Percent	78%, 17%, 28%
CMY	0.2196, 0.8313, 0.7216
CMYK	0.00, 0.78, 0.64, 0.22
HSL	349°, 64%, 47%
HSV	349°, 78%, 78%
XYZ	25.5544, 14.3248, 7.3793
YIQ	92.8360, 83.9880, 41.7800

Conversions

Conversions Part 2

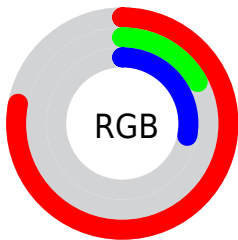
Format	Color
R_{YB}	199, 43, 71
Decimal	13052743
CIE _{Lab}	44.70, 61.09, 23.10
CIE _{LCh}	45, 65.316, 20.716
Yxy	14.3248, 0.5407, 0.3031
Android (android.graphics.Color)	4291242823 (0xFFC72B47)
YUV	92.8360, -10.7651, 93.1058
Hunter-Lab	37.8481, 54.2859, 14.9338

Details

The XYZ color **25.5544, 14.3248, 7.3793** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **28.7719, 44.3012, 45.5686**, and the grayscale version is **10.3781, 10.9185, 11.8903**.

A 20% lighter version of the original color is **49.4200, 32.2924, 21.0811**, and **10.6908, 5.4871, 1.5943** is the 20% darker color. If you saturate the color by 10%, you get **24.5434, 13.0320, 4.7950**, and if you desaturate by 10%, it is **27.0595, 16.3809, 10.8232**.

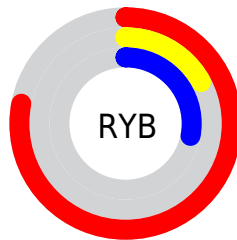
Distribution



Red (78%)

Green (17%)

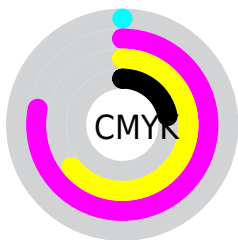
Blue (28%)



Red (78%)

Yellow (17%)

Blue (28%)

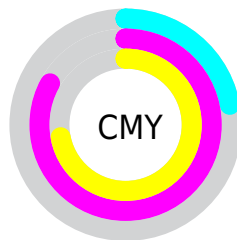


Cyan (0%)

Magenta (78%)

Yellow (64%)

Black (22%)



Cyan (22%)


Magenta (83%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5544, 14.3248, 7.3793 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 25.5544, 14.3248, 7.3793 by changing the saturation by 10% instead.


 25.5544, 14.3248,
7.3793


 25.5544, 14.3248,
7.3793

272.8847,
219.2422, 180.5280


 16.6215, 8.3469,
3.6184


 51.9916, 33.6642,
21.2580


 10.0586, 4.3177,
1.4184


 70.2267, 47.7946,
32.2129

 5.5004, 1.8528,
0.1560

 92.2932, 65.4112,
46.4029

 2.5815, 0.5198,
0.0000

 118.5565, 86.8985,
64.2465

 0.9365, 0.0000,
0.0000

 149.3820,
112.6408, 86.1623

 0.0000, 0.0000,
0.0000

 185.1349,

143.0226, 112.5688

226.1807,
178.4283, 143.8845

■ 25.5544, 14.3248,
7.3793

■ 25.5544, 14.3248,
7.3793

■ 24.5434, 13.0320,
4.7950

■ 27.0595, 16.3809,
10.8232

■ 23.9433, 12.3539,
2.9853

■ 29.1134, 19.2925,
15.1955

■ 23.8670, 12.2676,
2.7555

■ 31.7642, 23.1412,
20.5582

■ 35.0546, 27.9986,
26.9679

■ 39.0232, 33.9291,
34.4768

■ 43.7054, 40.9919,
43.1335

■ 49.1344, 49.2417,
52.9836

■ 55.3410, 58.7298,
64.0705

■ 62.3545, 69.5043,
76.4351

Harmonies

Analogous

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



26.3628, 14.3248, 20.7992



25.5544, 14.3248, 7.3793



21.1465, 14.3248, 2.1540

Triad

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



25.5544, 14.3248, 7.3793



7.1492, 14.3248, 3.4507



12.0355, 14.3248, 65.8198

Complementary

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



25.5544, 14.3248, 7.3793



28.7719, 44.3012, 45.5686

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.



8.1254, 14.3248, 50.8824



25.5544, 14.3248, 7.3793



5.8272, 14.3248, 11.3442

Square

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



25.5544, 14.3248, 7.3793



10.3172, 14.3248, 1.1245



6.1310, 14.3248, 28.3772



17.5506, 14.3248, 61.9655

Rectangle

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



25.5544, 14.3248, 7.3793



17.2684, 14.3248, 1.0818



6.1310, 14.3248, 28.3772



10.5176, 14.3248, 62.5940

Sweetspot

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



25.5547, 14.3257, 7.3795



71.4803, 64.1518, 66.2340



27.8377, 14.4431, 55.3531



14.6928, 12.8178, 13.0479



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



25.5547, 14.3257, 7.3795



42.1867, 21.9188, 6.0514



27.8520, 20.0418, 4.6872



10.7103, 10.6675, 11.4576



15.3705, 7.8978, 1.8951



0.7522, 0.3837, 0.2184

Inverse Universe

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



25.5547, 14.3257, 7.3795



42.1867, 21.9188, 6.0514



22.1487, 26.3238, 57.9462



10.7103, 10.6675, 11.4576



15.3705, 7.8978, 1.8951



0.7522, 0.3837, 0.2184

Previews

White Background



This preview shows how the XYZ color 25.5544, 14.3248, 7.3793 looks on a white background.

Color Contrast Check

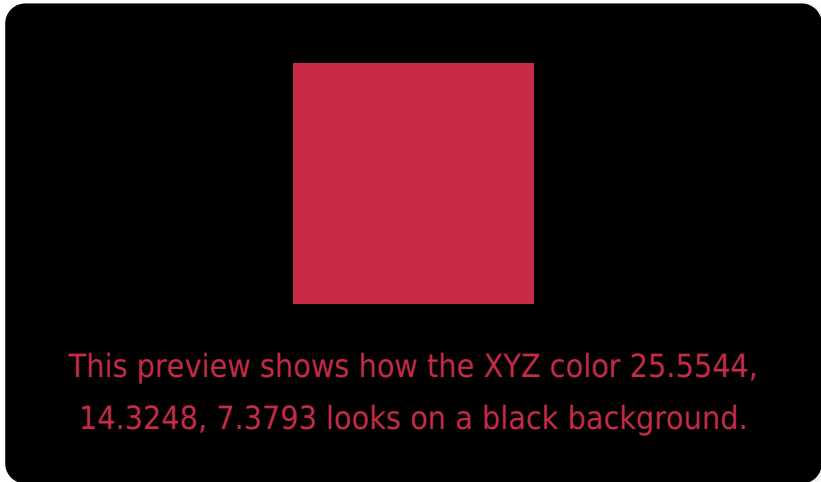
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 25.5544, 14.3248, 7.3793

Background



This preview shows how black text looks on a background with the XYZ color 25.5544, 14.3248, 7.3793.

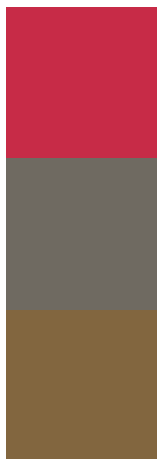


This preview shows how white text looks on a background with the XYZ color 25.5544, 14.3248,

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

25.5544, 14.3248, 7.3793

Protanopia

13.8672, 14.5506, 13.3869

Deuteranopia

14.8545, 14.6075, 6.7392



Tritanopia

24.9000, 14.3414, 4.3615

Trichromacy



Original Color

25.5544, 14.3248, 7.3793

Protanomaly

16.1824, 12.7307, 10.8369

Deuteranomaly

17.4434, 13.2468, 6.7918

Tritanomaly

25.0042, 14.2552, 5.3045

Monochromacy



Original Color

25.5544, 14.3248, 7.3793

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

13.6715, 10.5936, 9.9185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5544, 14.3248, 7.3793 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(199, 43, 71)` looks like.

```
.text, #text, p{  
    color:rgb(199, 43, 71)  
}
```

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(199, 43, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 43, 71) }
```

Border

The CSS property to change the border of an element to XYZ 25.5544, 14.3248, 7.3793 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(199, 43, 71) }
```


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

```
.border{ border-color:rgb(199, 43, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 43, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 43, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 43, 71);  
box-shadow:4px 4px 4px 4px rgb(199, 43,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5544, 14.3248, 7.3793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 43, 71) }
```

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

```
.background{ background-color: rgb(199, 43,  
71) }
```

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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