

Converting Colors

XYZ(24.5111, 14.1574, 3.6786)

Have a look what the booklet for
XYZ(24.5111, 14.1574, 3.6786)
contains.

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Color

**XYZ(24.5190, 14.1586,
3.7261)**

Conversions

Conversions Part 1

Format	Color
Hex	C5302B
RGB	197, 48, 43
RGB Percent	77%, 19%, 17%
CMY	0.2275, 0.8117, 0.8314
CMYK	0.00, 0.76, 0.78, 0.23
HSL	2°, 64%, 47%
HSV	2°, 78%, 77%
XYZ	24.5190, 14.1586, 3.7261
YIQ	91.9810, 90.4090, 30.0330

Conversions

Conversions Part 2

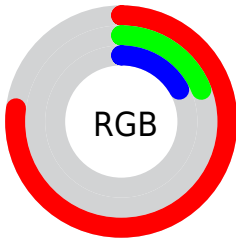
Format	Color
RYB	197, 48, 43
Decimal	12922923
CIELab	44.46, 57.69, 39.31
CIElCh	44, 69.809, 34.269
Yxy	14.1586, 0.5782, 0.3339
Android (android.graphics.Color)	4291113003 (0xFFC5302B)
YUV	91.9810, -24.1476, 92.1017
Hunter-Lab	37.6279, 50.4648, 20.4684

Details

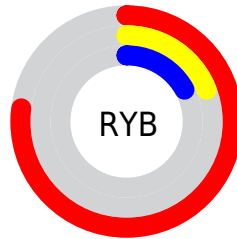
The XYZ color **24.5190, 14.1586, 3.7261** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **29.9217, 42.2397, 59.3992**, and the grayscale version is **10.2085, 10.7402, 11.6961**.

A 20% lighter version of the original color is **48.2395, 32.3063, 13.3661**, and **9.9917, 5.1509, 0.4676** is the 20% darker color. If you saturate the color by 10%, you get **23.6217, 12.8097, 2.0540**, and if you desaturate by 10%, it is **25.9260, 16.2484, 6.4287**.

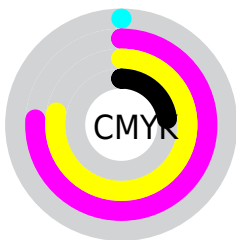
Distribution



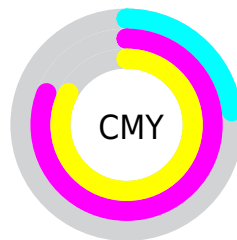
- Red (77%)
- Green (19%)
- Blue (17%)



- Red (77%)
- Yellow (19%)
- Blue (17%)



- Cyan (0%)
- Magenta (76%)
- Yellow (78%)
- Black (23%)





- Cyan (23%)
- Magenta (81%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5190, 14.1586, 3.7261 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 24.5190, 14.1586, 3.7261 by changing the saturation by 10% instead.


 24.5190, 14.1586,
3.7261


 24.5190, 14.1586,
3.7261


267.8260,
218.2153, 145.1305


 15.8459, 8.2311,
1.4763


 50.3244, 33.3702,
13.3730


 9.5053, 4.2432,
0.2002


 68.1873, 47.4230,
21.6071

 5.1320, 1.8105,
0.0000

 89.8442, 64.9530,
32.6732

 2.3604, 0.4937,
0.0000

 115.6605, 86.3447,
46.9897

 0.8253, 0.0000,
0.0000

 146.0014,
111.9823, 64.9751

 0.0000, 0.0000,
0.0000

 181.2324,

142.2504, 87.0480

221.7188,
177.5332, 113.6270

■ 24.5190, 14.1586,
3.7261

■ 24.5190, 14.1586,
3.7261

■ 23.6217, 12.8097,
2.0540

■ 25.9260, 16.2484,
6.4287

■ 23.1530, 12.0929,
1.2173


■ 27.9022, 19.1617,
10.2908


■ 23.0954, 12.0094,
1.1008


■ 30.4999, 22.9730,
15.4233

■ 33.7650, 27.7477,
21.9239

■ 37.7394, 33.5452,
29.8808

 42.4614, 40.4201,
39.3749

 47.9664, 48.4229,
50.4810

 54.2880, 57.6014,
63.2692

 61.4573, 68.0001,
77.8052

Harmonies

Analogous

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



27.3794, 14.1586, 13.2236



24.5190, 14.1586, 3.7261



18.7196, 14.1586, 0.9625

Triad

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



24.5190, 14.1586, 3.7261



5.8769, 14.1586, 5.5004



14.2786, 14.1586, 71.5214

Complementary

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



24.5190, 14.1586, 3.7261



29.9217, 42.2397, 59.3992

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.



9.2871, 14.1586, 63.5350



24.5190, 14.1586, 3.7261



5.2971, 14.1586, 17.8389

Square

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



24.5190, 14.1586, 3.7261



8.2401, 14.1586, 1.3729



6.3526, 14.1586, 40.2595



20.5116, 14.1586, 57.7904

Rectangle

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



24.5190, 14.1586, 3.7261



14.5663, 14.1586, 0.5030



6.3526, 14.1586, 40.2595



12.4061, 14.1586, 71.3300

Sweetspot

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



24.5193, 14.1595, 3.7263



71.4968, 65.7677, 61.3598



33.6761, 17.5126, 52.8996



14.6610, 13.1416, 11.8433



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.



24.5193, 14.1595, 3.7263



41.6367, 21.9120, 2.4982



30.4913, 26.1034, 5.7170



10.6611, 10.6913, 11.0645



15.2029, 7.9229, 0.7280



0.7297, 0.3949, 0.0378

Inverse Universe

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



29.9217, 42.2397, 59.3992



51.5746, 73.9695, 106.1670



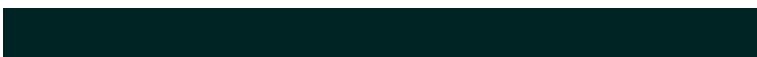
17.4862, 17.3687, 55.2540



10.9160, 12.0061, 13.6596



18.8371, 27.0681, 38.9762



0.9014, 1.3006, 1.8487

Previews

White Background



This preview shows how the XYZ color 24.5190, 14.1586, 3.7261 looks on a white background.

Color Contrast Check

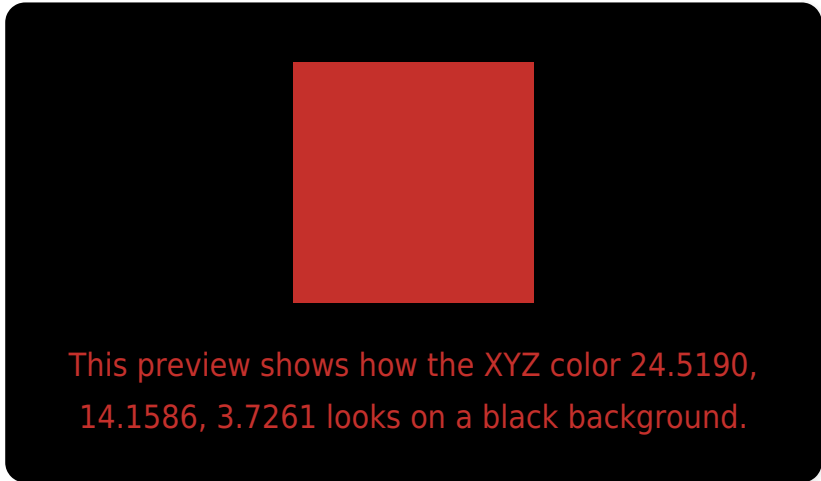
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5190, 14.1586, 3.7261

Background



This preview shows how black text looks on a background with the XYZ color 24.5190, 14.1586, 3.7261.



This preview shows how white text looks on a background with the XYZ color 24.5190, 14.1586,

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

24.5190, 14.1586, 3.7261

Protanopia

13.1721, 14.3473, 6.3500

Deuteranopia

14.5739, 14.3928, 3.3063



Tritanopia

24.5760, 14.1167, 4.2258

Trichromacy



Original Color

24.5190, 14.1586, 3.7261

Protanomaly

15.5914, 12.7831, 5.1357

Deuteranomaly

17.0310, 13.2239, 3.2449

Tritanomaly

24.5356, 14.1006, 4.0133

Monochromacy



Original Color

24.5190, 14.1586, 3.7261

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

13.0264, 10.4091, 7.8012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5190, 14.1586, 3.7261 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(197, 48, 43)` looks like.

```
.text, #text, p{  
    color:rgb(197, 48, 43)  
}
```

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(197, 48, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 48, 43) }
```

Border

The CSS property to change the border of an element to XYZ 24.5190, 14.1586, 3.7261 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(197, 48, 43) }
```


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

```
.border{ border-color:rgb(197, 48, 43) }
```

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

Here you see how a box with a 4 pixel rgb(197, 48, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 48, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 48, 43);  
box-shadow:4px 4px 4px 4px rgb(197, 48,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5190, 14.1586, 3.7261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 48, 43) }
```

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

```
.background{ background-color: rgb(197, 48,  
43) }
```

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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