

Converting Colors

XYZ(25.4185, 16.2122, 8.2681)

Have a look what the booklet for
XYZ(25.4185, 16.2122, 8.2681)
contains.

XYZ(25.4185, 16.2122, 8.2681)	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(25.4185, 16.2122,
8.2681)**

Conversions

Conversions Part 1

Format	Color
Hex	C1464A
RGB	193, 70, 74
RGB Percent	76%, 27%, 29%
CMY	0.2431, 0.7255, 0.7098
CMYK	0.00, 0.64, 0.62, 0.24
HSL	358°, 50%, 52%
HSV	358°, 64%, 76%
XYZ	25.4185, 16.2122, 8.2681
YIQ	107.2330, 72.0240, 27.3200

Conversions

Conversions Part 2

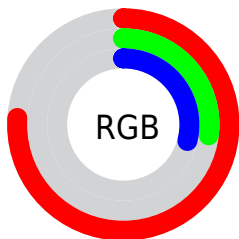
Format	Color
RYB	193, 70, 74
Decimal	12666442
CIELab	47.25, 49.50, 24.36
CIELCh	47, 55.171, 26.204
Yxy	16.2122, 0.5094, 0.3249
Android (android.graphics.Color)	4290856522 (0xFFC1464A)
YUV	107.2330, -16.3839, 75.2177
Hunter-Lab	40.2644, 42.2226, 16.0101

Details

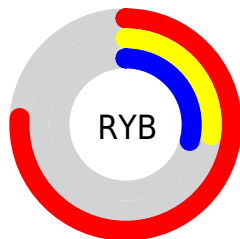
The XYZ color **25.4185, 16.2122, 8.2681** is a dark color, and the websafe version is hex **993333**. The color can be described as dark muted red. A complement of this color would be **30.7823, 43.1165, 54.8480**, and the grayscale version is **14.0706, 14.8034, 16.1209**.

A 20% lighter version of the original color is **51.6559, 36.9162, 23.1419**, and **9.9506, 5.1671, 1.7012** is the 20% darker color. If you saturate the color by 10%, you get **23.8607, 13.9586, 5.0923**, and if you desaturate by 10%, it is **27.5516, 19.3180, 12.5570**.

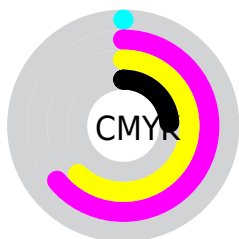
Distribution



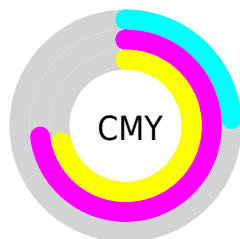
- Red (76%)
- Green (27%)
- Blue (29%)



- Red (76%)
- Yellow (27%)
- Blue (29%)



- Cyan (0%)
- Magenta (64%)
- Yellow (62%)
- Black (24%)





- Cyan (24%)
- Magenta (73%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4185, 16.2122, 8.2681 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 25.4185, 16.2122, 8.2681 by changing the saturation by 10% instead.

 25.4185, 16.2122,
8.2681


 25.4185, 16.2122,
8.2681

272.2251,
230.5906, 187.8324


 16.5195, 9.6744,
4.1768


 51.7734, 36.9662,
23.0372


 9.9857, 5.1836,
1.7228


 69.9599, 51.9512,
34.5520


 5.4517, 2.3554,
0.3763

 91.9731, 70.5208,
49.3783

 2.5521, 0.8028,
0.0000

 118.1782, 93.0593,
67.9348

 0.9216, 0.0000,
0.0000

 148.9406,
119.9512, 90.6399

 0.0000, 0.0000,
0.0000

184.6257,

151.5807, 117.9121

225.5987,
188.3324, 150.1701

■ 25.4185, 16.2122,
8.2681

■ 25.4185, 16.2122,
8.2681

■ 23.8607, 13.9586,
5.0923

■ 27.5516, 19.3180,
12.5570

■ 22.8214, 12.4702,
2.9261

■ 30.3075, 23.3465,
18.0483

■ 22.2340, 11.6466,
1.6476

■ 33.7300, 28.3639,
24.8234

■ 22.0265, 11.3511,
1.2100

■ 37.8587, 34.4296,
32.9561

■ 42.7300, 41.5984,
42.5148

■ 48.3779, 49.9211,
53.5632

■ 54.8342, 59.4455,
66.1611

■ 62.1292, 70.2167,
80.3652

■ 70.2911, 82.2773,
96.2291

Harmonies

Analogous

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



26.7549, 16.2122, 19.4858



25.4185, 16.2122, 8.2681



21.2202, 16.2122, 3.4368

Triad

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



25.4185, 16.2122, 8.2681



8.8693, 16.2122, 6.5504



14.7982, 16.2122, 60.1492

Complementary

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



25.4185, 16.2122, 8.2681



30.7823, 43.1165, 54.8480

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.



10.7696, 16.2122, 50.5882



25.4185, 16.2122, 8.2681



7.8330, 16.2122, 15.9376

Square

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



25.4185, 16.2122, 8.2681



11.6366, 16.2122, 2.8748



8.4477, 16.2122, 32.3221



19.9201, 16.2122, 54.2513

Rectangle

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



25.4185, 16.2122, 8.2681



17.7493, 16.2122, 2.3237



8.4477, 16.2122, 32.3221



13.2844, 16.2122, 58.5467

Sweetspot

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



25.4189, 16.2131, 8.2684



71.5018, 67.1012, 66.2851



32.7776, 19.0375, 52.3988



14.8168, 13.6264, 13.1938



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



25.4189, 16.2131, 8.2684



41.9907, 23.9297, 7.5819



30.7396, 27.0630, 9.3992



10.0862, 10.0831, 10.5442



14.6561, 7.5522, 0.8350



0.6379, 0.3282, 0.0606

Inverse Universe

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



25.4189, 16.2131, 8.2684



41.9907, 23.9297, 7.5819



20.9003, 22.6494, 53.7220



10.0862, 10.0831, 10.5442



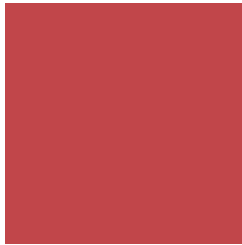
14.6561, 7.5522, 0.8350



0.6379, 0.3282, 0.0606

Previews

White Background



This preview shows how the XYZ color 25.4185, 16.2122, 8.2681 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 25.4185, 16.2122, 8.2681 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 25.4185, 16.2122, 8.2681

Background



This preview shows how black text looks on a background with the XYZ color 25.4185, 16.2122, 8.2681.



This preview shows how white text looks on a background with the XYZ color 25.4185, 16.2122,

8.2681.

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

25.4185, 16.2122, 8.2681

Protanopia

15.3337, 16.2830, 12.4600

Deuteranopia

16.7225, 16.4608, 7.7647



Tritanopia

25.4185, 16.2122, 8.2681

Trichromacy



Original Color

25.4185, 16.2122, 8.2681

Protanomaly

17.7684, 15.3163, 10.6142

Deuteranomaly

19.0128, 15.6157, 7.8064

Tritanomaly

25.4185, 16.2122, 8.2681

Monochromacy



Original Color

25.4185, 16.2122, 8.2681

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

16.5495, 14.2349, 12.7018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4185, 16.2122, 8.2681 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(193, 70, 74)` looks like.

```
.text, #text, p{  
    color:rgb(193, 70, 74)  
}
```

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(193, 70, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 70, 74) }
```

Border

The CSS property to change the border of an element to XYZ 25.4185, 16.2122, 8.2681 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(193, 70, 74) }
```


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

```
.border{ border-color:rgb(193, 70, 74) }
```

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

Here you see how a box with a 4 pixel rgb(193, 70, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 70, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 70, 74);  
box-shadow:4px 4px 4px 4px rgb(193, 70,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4185, 16.2122, 8.2681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 70, 74) }
```

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

```
.background{ background-color: rgb(193, 70,  
74) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor