

Converting Colors

XYZ(25.0543, 14.2143, 3.1748)

Have a look what the booklet for
XYZ(25.0543, 14.2143, 3.1748)
contains.

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Color

**XYZ(25.0540, 14.2143,
3.1734)**

Conversions

Conversions Part 1

Format	Color
Hex	C82C25
RGB	200, 44, 37
RGB Percent	78%, 17%, 15%
CMY	0.2157, 0.8274, 0.8549
CMYK	0.00, 0.78, 0.81, 0.22
HSL	3°, 69%, 46%
HSV	3°, 81%, 78%
XYZ	25.0540, 14.2143, 3.1734
YIQ	89.8460, 95.2230, 30.8950

Conversions

Conversions Part 2

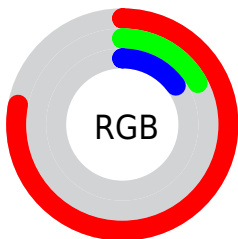
Format	Color
RYB	200, 44, 37
Decimal	13118501
CIELab	44.54, 59.65, 42.83
CIELCh	45, 73.431, 35.680
Yxy	14.2143, 0.5903, 0.3349
Android (android.graphics.Color)	4291308581 (0xFFC82C25)
YUV	89.8460, -26.0531, 96.6051
Hunter-Lab	37.7019, 52.6403, 21.4008

Details

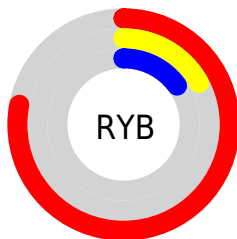
The XYZ color **25.0540, 14.2143, 3.1734** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **30.2552, 42.6974, 61.2899**, and the grayscale version is **9.7265, 10.2330, 11.1438**.

A 20% lighter version of the original color is **47.6905, 31.6006, 11.9735**, and **10.3165, 5.3184, 0.4828** is the 20% darker color. If you saturate the color by 10%, you get **24.2653, 13.0096, 1.7625**, and if you desaturate by 10%, it is **26.3437, 16.1466, 5.5991**.

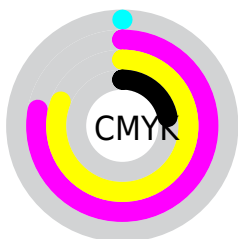
Distribution



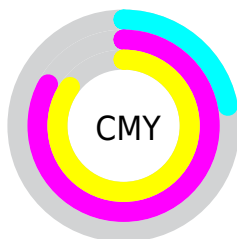
- Red (78%)
- Green (17%)
- Blue (15%)



- Red (78%)
- Yellow (17%)
- Blue (15%)



- Cyan (0%)
- Magenta (78%)
- Yellow (81%)
- Black (22%)





- Cyan (22%)
- Magenta (83%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0540, 14.2143, 3.1734 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 25.0540, 14.2143, 3.1734 by changing the saturation by 10% instead.


 25.0540, 14.2143,
3.1734


 25.0540, 14.2143,
3.1734


270.4494,
218.5600, 138.5394


 16.2462, 8.2699,
1.1838


 51.1871, 33.4688,
12.0534


 9.7905, 4.2681,
0.0000


 69.2431, 47.5476,
19.7809

 5.3215, 1.8246,
0.0000

 91.1126, 65.1067,
30.2582

 2.4738, 0.5025,
0.0000

 117.1609, 86.5305,
43.9037


 0.8821, 0.0000,
0.0000


 147.7534,
112.2033, 61.1360


 0.0000, 0.0000,
0.0000


 183.2554,


142.5095, 82.3737


 224.0323,
177.8336, 108.0353


 25.0540, 14.2143,
3.1734


 25.0540, 14.2143,
3.1734


 24.2653, 13.0096,
1.7625


 26.3437, 16.1466,
5.5991

 23.9126, 12.4660,
1.1459

 28.1981, 18.8938,
9.1819

 30.6726, 22.5337,
14.0422

 33.8155, 27.1343,
20.2849

 37.6704, 32.7571,
28.0043

■ 42.2774, 39.4583,
37.2863

■ 47.6733, 47.2902,
48.2103

■ 53.8928, 56.3016,
60.8501

■ 60.9683, 66.5384,
75.2754

Harmonies

Analogous

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



28.3346, 14.2143, 12.4641



25.0540, 14.2143, 3.1734



18.7729, 14.2143, 0.6905

Triad

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



25.0540, 14.2143, 3.1734



5.5543, 14.2143, 5.5456



14.6707, 14.2143, 76.0461

Complementary

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



25.0540, 14.2143, 3.1734



30.2552, 42.6974, 61.2899

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.



9.3364, 14.2143, 68.4029



25.0540, 14.2143, 3.1734



5.0422, 14.2143, 18.9399

Square

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



25.0540, 14.2143, 3.1734



7.8901, 14.2143, 1.2181



6.2020, 14.2143, 43.4153



21.3142, 14.2143, 60.0610

Rectangle

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



25.0540, 14.2143, 3.1734



14.3878, 14.2143, 0.2495



6.2020, 14.2143, 43.4153



12.6691, 14.2143, 76.2415

Sweetspot

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



25.0543, 14.2152, 3.1736



70.7929, 64.8215, 59.7019



34.2821, 17.5229, 52.9482



14.5321, 12.9720, 11.5284



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.



25.0543, 14.2152, 3.1736



41.4510, 21.6374, 2.1382



31.3524, 26.8114, 5.2730



10.6699, 10.7089, 11.0674



15.2215, 7.9601, 0.7342



0.7338, 0.4030, 0.0391

Inverse Universe

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



30.2552, 42.6974, 61.2899



50.5394, 72.1041, 105.8615



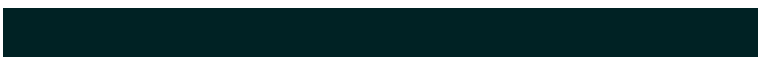
17.1008, 16.3885, 56.9051



10.9061, 11.9863, 13.6563



18.5473, 26.4885, 38.8796



0.8906, 1.2790, 1.8451

Previews

White Background



This preview shows how the XYZ color 25.0540, 14.2143, 3.1734 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 25.0540, 14.2143, 3.1734 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 25.0540, 14.2143, 3.1734

Background



This preview shows how black text looks on a background with the XYZ color 25.0540, 14.2143, 3.1734.



This preview shows how white text looks on a background with the XYZ color 25.0540, 14.2143,

3.1734.

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

25.0540, 14.2143, 3.1734

Protanopia

13.1560, 14.3563, 5.5677

Deuteranopia

14.6300, 14.4336, 2.7739



Tritanopia

25.1379, 14.1890, 3.7967

Trichromacy



Original Color

25.0540, 14.2143, 3.1734

Protanomaly

15.6594, 12.6030, 4.4036

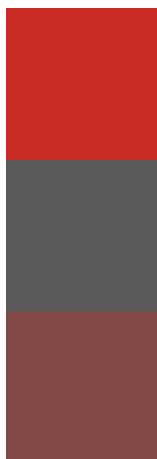
Deuteranomaly

17.1670, 13.0856, 2.6579

Tritanomaly

25.0835, 14.1672, 3.5103

Monochromacy



Original Color

25.0540, 14.2143, 3.1734

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

12.7258, 9.9658, 7.2141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0540, 14.2143, 3.1734 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(200, 44, 37)` looks like.

```
.text, #text, p{  
    color:rgb(200, 44, 37)  
}
```

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(200, 44, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 44, 37) }
```

Border

The CSS property to change the border of an element to XYZ 25.0540, 14.2143, 3.1734 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(200, 44, 37) }
```


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

```
.border{ border-color:rgb(200, 44, 37) }
```

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

Here you see how a box with a 4 pixel rgb(200, 44, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 44, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 44, 37);  
box-shadow:4px 4px 4px 4px rgb(200, 44,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0540, 14.2143, 3.1734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 44, 37) }
```

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

```
.background{ background-color: rgb(200, 44,  
37) }
```

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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