

Converting Colors

XYZ(25.9832, 14.2169, 2.6030)

Have a look what the booklet for
XYZ(25.9832, 14.2169, 2.6030)
contains.

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Color

**XYZ(25.9832, 14.2169,
2.6030)**

Conversions

Conversions Part 1

Format	Color
Hex	CD221E
RGB	205, 34, 30
RGB Percent	80%, 13%, 12%
CMY	0.1961, 0.8666, 0.8823
CMYK	0.00, 0.83, 0.85, 0.20
HSL	1°, 74%, 46%
HSV	1°, 85%, 80%
XYZ	25.9832, 14.2169, 2.6030
YIQ	84.6730, 103.2000, 35.0080

Conversions

Conversions Part 2

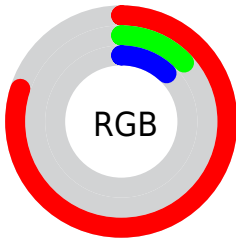
Format	Color
RYB	205, 34, 30
Decimal	13443614
CIELab	44.54, 63.55, 46.77
CIElCh	45, 78.901, 36.352
Yxy	14.2169, 0.6070, 0.3321
Android (android.graphics.Color)	4291633694 (0xFFCD221E)
YUV	84.6730, -26.9538, 105.5268
Hunter-Lab	37.7053, 57.0223, 22.3006

Details

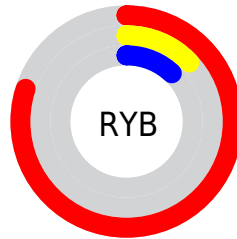
The XYZ color **25.9832, 14.2169, 2.6030** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **32.4377, 46.4495, 65.0132**, and the grayscale version is **8.6073, 9.0555, 9.8615**.

A 20% lighter version of the original color is **46.9472, 30.5312, 10.4399**, and **10.9845, 5.6627, 0.5141** is the 20% darker color. If you saturate the color by 10%, you get **25.3856, 13.3136, 1.5046**, and if you desaturate by 10%, it is **27.0846, 15.8563, 4.7077**.

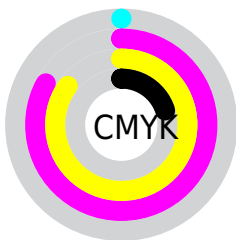
Distribution



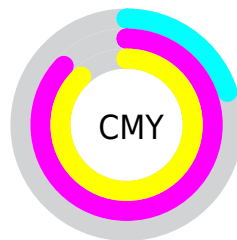
- Red (80%)
- Green (13%)
- Blue (12%)



- Red (80%)
- Yellow (13%)
- Blue (12%)



- Cyan (0%)
- Magenta (83%)
- Yellow (85%)
- Black (20%)





- Cyan (20%)
- Magenta (87%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9832, 14.2169, 2.6030 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 25.9832, 14.2169, 2.6030 by changing the saturation by 10% instead.


 25.9832, 14.2169,
2.6030


 25.9832, 14.2169,
2.6030


274.9578,
218.5760, 131.1315


 16.9437, 8.2717,
0.8940


 52.6793, 33.4734,
10.6320

 10.2894, 4.2693,
0.0000


 71.0667, 47.5534,
17.7908

 5.6550, 1.8253,
0.0000

 93.3007, 65.1139,
27.6038

 2.6751, 0.5029,
0.0000

 119.7467, 86.5392,
40.4897


 0.9844, 0.0000,
0.0000


 150.7700,
112.2136, 56.8668


 0.0000, 0.0000,
0.0000


 186.7361,


142.5216, 77.1538


 228.0102,
177.8476, 101.7692


 25.9832, 14.2169,
2.6030


 25.9832, 14.2169,
2.6030


 25.3856, 13.3136,
1.5046


 27.0846, 15.8563,
4.7077


 25.2277, 13.0811,
1.1953


 28.7678, 18.3417,
7.9855

 31.0987, 21.7672,
12.5736


 34.1339, 26.2140,
18.5903

 37.9237, 31.7544,
26.1403

 42.5141, 38.4542,
35.3190

 47.9473, 46.3741,
46.2137

 54.2625, 55.5704,
58.9055

 61.4964, 66.0960,
73.4706

Harmonies

Analogous

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



29.7215, 14.2169, 11.9118



25.9832, 14.2169, 2.6030



19.0495, 14.2169, 0.3161

Triad

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



25.9832, 14.2169, 2.6030



5.1077, 14.2169, 5.2372



14.9147, 14.2169, 83.1385

Complementary

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



25.9832, 14.2169, 2.6030



32.4377, 46.4495, 65.0132

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.



9.1685, 14.2169, 75.0379



25.9832, 14.2169, 2.6030



4.6250, 14.2169, 19.6973

Square

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



25.9832, 14.2169, 2.6030



7.4718, 14.2169, 0.9264



5.8499, 14.2169, 47.0015



22.1578, 14.2169, 64.4546

Rectangle

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



25.9832, 14.2169, 2.6030



14.3077, 14.2169, 0.0000



5.8499, 14.2169, 47.0015



12.7478, 14.2169, 83.5821

Sweetspot

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



25.9835, 14.2178, 2.6032



68.8542, 61.8440, 56.2816



36.3114, 18.1758, 57.5229



14.1500, 12.3798, 10.8708



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.



25.9835, 14.2178, 2.6032



41.3035, 21.3870, 1.9512



32.1777, 26.6062, 4.6679



11.2326, 11.2542, 11.6597



15.7148, 8.1626, 0.7473



0.8181, 0.4359, 0.0410

Inverse Universe

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



32.4377, 46.4495, 65.0132



51.9717, 75.0634, 106.3572



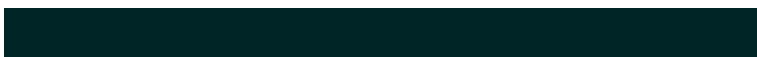
17.6382, 16.8505, 60.0800



11.5204, 12.6811, 14.4109



19.7710, 28.5659, 40.4280



1.0271, 1.4880, 2.0880

Previews

White Background



This preview shows how the XYZ color 25.9832, 14.2169, 2.6030 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 25.9832, 14.2169, 2.6030

Background



This preview shows how black text looks on a background with the XYZ color 25.9832, 14.2169, 2.6030.



This preview shows how white text looks on a background with the XYZ color 25.9832, 14.2169,

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

25.9832, 14.2169, 2.6030

Protanopia

13.2420, 14.5722, 4.8041

Deuteranopia

14.6454, 14.4583, 2.0188



Tritanopia

26.0096, 14.2275, 2.7418

Trichromacy



Original Color

25.9832, 14.2169, 2.6030

Protanomaly

15.8466, 12.3814, 3.6525

Deuteranomaly

17.2115, 12.8055, 1.8812

Tritanomaly

25.9962, 14.2221, 2.6713

Monochromacy



Original Color

25.9832, 14.2169, 2.6030

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

11.9556, 8.9452, 6.0975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9832, 14.2169, 2.6030 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(205, 34, 30)` looks like.

```
.text, #text, p{  
    color:rgb(205, 34, 30)  
}
```

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(205, 34, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 34, 30) }
```

Border

The CSS property to change the border of an element to XYZ 25.9832, 14.2169, 2.6030 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(205, 34, 30) }
```


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

```
.border{ border-color:rgb(205, 34, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 34, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 34, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 34, 30);  
box-shadow:4px 4px 4px 4px rgb(205, 34,  
30) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9832, 14.2169, 2.6030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 34, 30) }
```

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

```
.background{ background-color: rgb(205, 34,  
30) }
```

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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