

Converting Colors

XYZ(26.0269, 14.2867, 5.0333)

Have a look what the booklet for
XYZ(26.0269, 14.2867, 5.0333)
contains.

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Color

**XYZ(25.9491, 14.2341,
4.9942)**

Conversions

Conversions Part 1

Format	Color
Hex	CB2437
RGB	203, 36, 55
RGB Percent	80%, 14%, 22%
CMY	0.2039, 0.8588, 0.7843
CMYK	0.00, 0.82, 0.73, 0.20
HSL	353°, 70%, 47%
HSV	353°, 82%, 80%
XYZ	25.9491, 14.2341, 4.9942
YIQ	88.0990, 93.4330, 41.3130

Conversions

Conversions Part 2

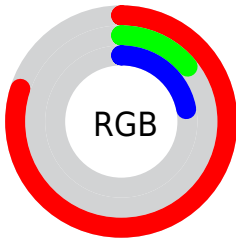
Format	Color
R_{YB}	203, 36, 55
Decimal	13313079
CIE Lab	44.57, 63.30, 32.83
CIE LCh	45, 71.308, 27.416
Yxy	14.2341, 0.5744, 0.3151
Android (android.graphics.Color)	4291503159 (0xFFFCB2437)
YUV	88.0990, -16.3178, 100.7682
Hunter-Lab	37.7281, 56.7467, 18.5613

Details

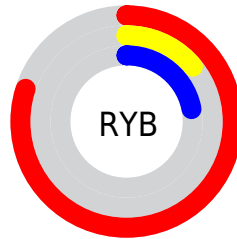
The XYZ color **25.9491, 14.2341, 4.9942** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **30.7372, 46.5483, 52.7202**, and the grayscale version is **9.3192, 9.8045, 10.6771**.

A 20% lighter version of the original color is **48.1001, 31.1430, 16.0464**, and **10.8879, 5.6045, 0.8887** is the 20% darker color. If you saturate the color by 10%, you get **25.1436, 13.1923, 2.9721**, and if you desaturate by 10%, it is **27.2603, 16.0364, 7.9605**.

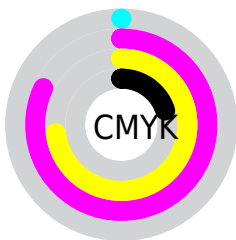
Distribution



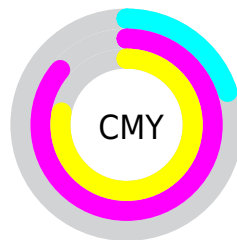
- Red (80%)
- Green (14%)
- Blue (22%)



- Red (80%)
- Yellow (14%)
- Blue (22%)



- Cyan (0%)
- Magenta (82%)
- Yellow (73%)
- Black (20%)





- Cyan (20%)
- Magenta (86%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9491, 14.2341, 4.9942 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 25.9491, 14.2341, 4.9942 by changing the saturation by 10% instead.


 25.9491, 14.2341,
4.9942


 25.9491, 14.2341,
4.9942


274.7934,
218.6823, 158.7068

 16.9180, 8.2837,
2.1852


 52.6247, 33.5038,
16.2446


 10.2710, 4.2770,
0.6658


 71.0000, 47.5919,
25.5230

 5.6427, 1.8297,
0.0000

 93.2207, 65.1613,
37.7949

 2.6676, 0.5056,
0.0000

 119.6522, 86.5965,
53.4790

 0.9805, 0.0000,
0.0000

 150.6599,
112.2818, 72.9936

 0.0000, 0.0000,
0.0000

 186.6091,

142.6016, 96.7575

227.8651,
177.9403, 125.1890

■ 25.9491, 14.2341,
4.9942

■ 25.9491, 14.2341,
4.9942

■ 25.1436, 13.1923,
2.9721

■ 27.2603, 16.0364,
7.9605


■ 24.7839, 12.7586,
1.9712


■ 29.1432, 18.7056,
11.9685


■ 31.6544, 22.3338,
17.1038


■ 34.8436, 27.0007,
23.4430

■ 38.7553, 32.7777,
31.0561

 43.4304, 39.7298,
40.0075

 48.9066, 47.9170,
50.3573

 55.2190, 57.3952,
62.1621

 62.4008, 68.2169,
75.4751

Harmonies

Analogous

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



27.9008, 14.2341, 16.9745



25.9491, 14.2341, 4.9942



20.4207, 14.2341, 1.1866

Triad

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



25.9491, 14.2341, 4.9942



6.1728, 14.2341, 3.9171



13.0354, 14.2341, 73.7727

Complementary

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



25.9491, 14.2341, 4.9942



30.7372, 46.5483, 52.7202

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.



8.3939, 14.2341, 60.5961



25.9491, 14.2341, 4.9942



5.2013, 14.2341, 14.1106

Square

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



25.9491, 14.2341, 4.9942



9.0396, 14.2341, 0.9466



5.8813, 14.2341, 35.1959



19.3026, 14.2341, 64.2187

Rectangle

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



25.9491, 14.2341, 4.9942



16.0911, 14.2341, 0.5065



5.8813, 14.2341, 35.1959



11.2546, 14.2341, 71.7250

Sweetspot

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



25.9494, 14.2350, 4.9944



70.1760, 62.7310, 62.1373



31.0627, 15.7054, 57.8939



14.4227, 12.5379, 12.1554



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.



25.9494, 14.2350, 4.9944



41.5183, 21.4156, 3.2592



29.5068, 21.9433, 4.3506



11.2633, 11.2341, 11.9213



15.7897, 8.1265, 1.3455



0.8324, 0.4264, 0.1633

Inverse Universe

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



25.9494, 14.2350, 4.9944



41.5183, 21.4156, 3.2592



20.7386, 23.1492, 59.8748



11.2633, 11.2341, 11.9213



15.7897, 8.1265, 1.3455



0.8324, 0.4264, 0.1633

Previews

White Background



This preview shows how the XYZ color 25.9491, 14.2341, 4.9942 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 25.9491, 14.2341, 4.9942 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 25.9491, 14.2341, 4.9942

Background



This preview shows how black text looks on a background with the XYZ color 25.9491, 14.2341, 4.9942.



This preview shows how white text looks on a background with the XYZ color 25.9491, 14.2341,

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

25.9491, 14.2341, 4.9942

Protanopia

13.4686, 14.4355, 9.2842

Deuteranopia

14.6431, 14.4024, 4.4908



Tritanopia

25.7203, 14.2940, 3.3229

Trichromacy



Original Color

25.9491, 14.2341, 4.9942

Protanomaly

15.9020, 12.4380, 7.3570

Deuteranomaly

17.3088, 12.7986, 4.4638

Tritanomaly

25.7954, 14.2722, 3.8779

Monochromacy



Original Color

25.9491, 14.2341, 4.9942

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

12.6385, 9.5239, 8.0096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9491, 14.2341, 4.9942 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(203, 36, 55)` looks like.

```
.text, #text, p{  
    color:rgb(203, 36, 55)  
}
```

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(203, 36, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 36, 55) }
```

Border

The CSS property to change the border of an element to XYZ 25.9491, 14.2341, 4.9942 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(203, 36, 55) }
```


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

```
.border{ border-color:rgb(203, 36, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 36, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 36, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 36, 55);  
box-shadow:4px 4px 4px 4px rgb(203, 36,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9491, 14.2341, 4.9942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 36, 55) }
```

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

```
.background{ background-color: rgb(203, 36,  
55) }
```

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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