

Converting Colors

XYZ(25.9448, 14.3635, 3.2387)

Have a look what the booklet for
XYZ(25.9448, 14.3635, 3.2387)
contains.

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Color

**XYZ(25.9448, 14.3635,
3.2387)**

Conversions

Conversions Part 1

Format	Color
Hex	CC2626
RGB	204, 38, 38
RGB Percent	80%, 15%, 15%
CMY	0.2000, 0.8509, 0.8510
CMYK	0.00, 0.81, 0.81, 0.20
HSL	0°, 69%, 47%
HSV	0°, 81%, 80%
XYZ	25.9448, 14.3635, 3.2387
YIQ	87.6340, 98.9360, 35.1920

Conversions

Conversions Part 2

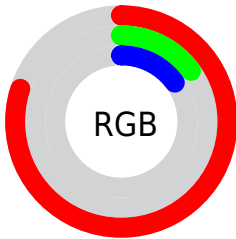
Format	Color
RYB	204, 38, 38
Decimal	13379110
CIELab	44.75, 62.49, 42.77
CIElCh	45, 75.729, 34.390
Yxy	14.3635, 0.5958, 0.3298
Android (android.graphics.Color)	4291569190 (0xFFCC2626)
YUV	87.6340, -24.4696, 102.0530
Hunter-Lab	37.8992, 55.8728, 21.4628

Details

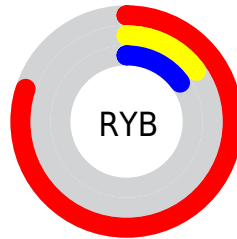
The XYZ color **25.9448, 14.3635, 3.2387** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **33.2877, 47.9504, 64.6273**, and the grayscale version is **9.2339, 9.7148, 10.5794**.

A 20% lighter version of the original color is **47.3974, 31.0144, 11.8758**, and **10.9845, 5.6627, 0.5141** is the 20% darker color. If you saturate the color by 10%, you get **25.2178, 13.2999, 1.7933**, and if you desaturate by 10%, it is **27.2096, 16.2148, 5.7523**.

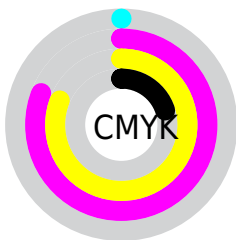
Distribution



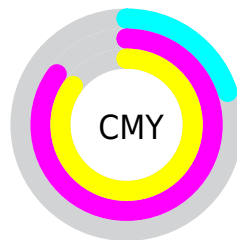
- Red (80%)
- Green (15%)
- Blue (15%)



- Red (80%)
- Yellow (15%)
- Blue (15%)



- Cyan (0%)
- Magenta (81%)
- Yellow (81%)
- Black (20%)





- Cyan (20%)
- Magenta (85%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9448, 14.3635, 3.2387 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 25.9448, 14.3635, 3.2387 by changing the saturation by 10% instead.


 25.9448, 14.3635,
3.2387


 25.9448, 14.3635,
3.2387


274.7727,
219.4806, 139.3451


 16.9148, 8.3739,
1.2178


 52.6178, 33.7326,
12.2120


 10.2687, 4.3351,
0.0000


 70.9916, 47.8810,
20.0014

 5.6411, 1.8627,
0.0000

 93.2106, 65.5177,
30.5507

 2.6667, 0.5258,
0.0000

 119.6403, 87.0271,
44.2785

 0.9801, 0.0000,
0.0000

 150.6460,
112.7938, 61.6033

 0.0000, 0.0000,
0.0000

 186.5930,

143.2020, 82.9436

227.8468,
178.6361, 108.7180

25.9448, 14.3635,
3.2387

25.9448, 14.3635,
3.2387

25.2178, 13.2999,
1.7933

27.2096, 16.2148,
5.7523

24.9019, 12.8377,
1.1654

29.0881, 18.9636,
9.4863

31.6451, 22.7053,
14.5693

34.9370, 27.5224,
21.1133

39.0142, 33.4885,
29.2187

■ 43.9228, 40.6712,
38.9769

■ 49.7053, 49.1326,
50.4723

■ 56.4012, 58.9304,
63.7838

■ 64.0477, 70.1193,
78.9851

Harmonies

Analogous

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



29.1948, 14.3635, 13.1840



25.9448, 14.3635, 3.2387



19.4386, 14.3635, 0.6198

Triad

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



25.9448, 14.3635, 3.2387



5.5144, 14.3635, 5.0816



14.5789, 14.3635, 79.7038

Complementary

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



25.9448, 14.3635, 3.2387



33.2877, 47.9504, 64.6273

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.



9.1456, 14.3635, 70.5072



25.9448, 14.3635, 3.2387



4.9203, 14.3635, 18.3822

Square

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



25.9448, 14.3635, 3.2387



7.9953, 14.3635, 1.0264



6.0248, 14.3635, 43.6889



21.4945, 14.3635, 63.6562

Rectangle

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



25.9448, 14.3635, 3.2387



14.8431, 14.3635, 0.1251



6.0248, 14.3635, 43.6889



12.5266, 14.3635, 79.5175

Sweetspot

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



25.9451, 14.3644, 3.2389



70.2036, 63.6430, 59.5054



36.4938, 18.5831, 58.7898



14.3958, 12.6994, 11.4829



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.



25.9451, 14.3644, 3.2389



41.3235, 21.3824, 2.0957



32.0889, 26.6520, 5.2868



11.2124, 11.2138, 11.6530



15.6737, 8.0803, 0.7336



0.8086, 0.4169, 0.0379

Inverse Universe

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



33.2877, 47.9504, 64.6273



53.8670, 78.7593, 106.9707



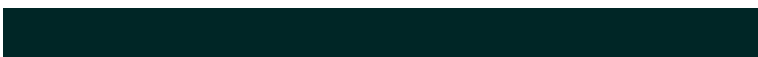
18.5357, 18.4464, 59.7099



11.5432, 12.7269, 14.4185



20.4483, 29.9205, 40.6538



1.0549, 1.5436, 2.0973

Previews

White Background



This preview shows how the XYZ color 25.9448, 14.3635, 3.2387 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 25.9448, 14.3635, 3.2387 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 25.9448, 14.3635, 3.2387

Background



This preview shows how black text looks on a background with the XYZ color 25.9448, 14.3635, 3.2387.



This preview shows how white text looks on a background with the XYZ color 25.9448, 14.3635,

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

25.9448, 14.3635, 3.2387

Protanopia

13.4427, 14.6525, 5.8611

Deuteranopia

14.7902, 14.5162, 2.7814



Tritanopia

25.9289, 14.3572, 3.1549

Trichromacy



Original Color

25.9448, 14.3635, 3.2387

Protanomaly

15.9661, 12.6459, 4.5051

Deuteranomaly

17.4312, 13.0062, 2.6903

Tritanomaly

25.9289, 14.3572, 3.1549

Monochromacy



Original Color

25.9448, 14.3635, 3.2387

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

12.5016, 9.5683, 6.9823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9448, 14.3635, 3.2387 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(204, 38, 38)` looks like.

```
.text, #text, p{  
    color:rgb(204, 38, 38)  
}
```

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(204, 38, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 38, 38) }
```

Border

The CSS property to change the border of an element to XYZ 25.9448, 14.3635, 3.2387 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(204, 38, 38) }
```


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

```
.border{ border-color:rgb(204, 38, 38) }
```

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

Here you see how a box with a 4 pixel rgb(204, 38, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 38, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 38, 38);  
box-shadow:4px 4px 4px 4px rgb(204, 38,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9448, 14.3635, 3.2387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 38, 38) }
```

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

```
.background{ background-color: rgb(204, 38,  
38) }
```

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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