

Converting Colors

XYZ(25.9311, 15.5073, 9.5718)

Have a look what the booklet for
XYZ(25.9311, 15.5073, 9.5718)
contains.

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Color

**XYZ(25.8519, 15.4729,
9.6067)**

Conversions

Conversions Part 1

Format	Color
Hex	C43B52
RGB	196, 59, 82
RGB Percent	77%, 23%, 32%
CMY	0.2314, 0.7686, 0.6784
CMYK	0.00, 0.70, 0.58, 0.23
HSL	350°, 54%, 50%
HSV	350°, 70%, 77%
XYZ	25.8519, 15.4729, 9.6067
YIQ	102.5850, 74.2690, 36.1970

Conversions

Conversions Part 2

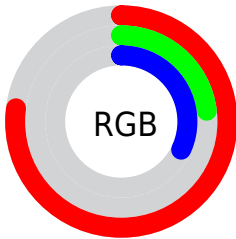
Format	Color
R_{YB}	196, 59, 82
Decimal	12860242
CIE Lab	46.28, 55.53, 18.33
CIE LCh	46, 58.478, 18.272
Yxy	15.4729, 0.5076, 0.3038
Android (android.graphics.Color)	4291050322 (0xFFC43B52)
YUV	102.5850, -10.1484, 81.9250
Hunter-Lab	39.3356, 48.4753, 13.0549

Details

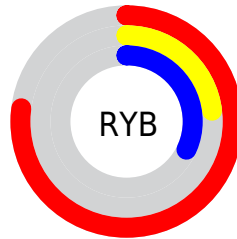
The XYZ color **25.8519, 15.4729, 9.6067** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **29.0876, 43.4272, 46.3885**, and the grayscale version is **12.7958, 13.4621, 14.6603**.

A 20% lighter version of the original color is **51.4675, 35.1602, 25.5467**, and **10.5032, 5.3742, 2.3175** is the 20% darker color. If you saturate the color by 10%, you get **24.4781, 13.6035, 6.4421**, and if you desaturate by 10%, it is **27.7520, 18.1592, 13.6748**.

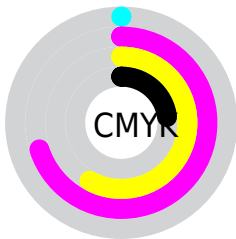
Distribution



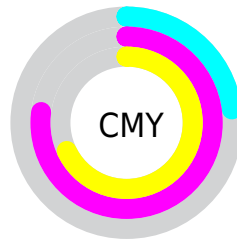
- Red (77%)
- Green (23%)
- Blue (32%)



- Red (77%)
- Yellow (23%)
- Blue (32%)



- Cyan (0%)
- Magenta (70%)
- Yellow (58%)
- Black (23%)





- Cyan (23%)
- Magenta (77%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8519, 15.4729, 9.6067 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 25.8519, 15.4729, 9.6067 by changing the saturation by 10% instead.


 25.8519, 15.4729,
9.6067


 25.8519, 15.4729,
9.6067

274.3244,
226.2110, 198.2232


 16.8450, 9.1519,
5.0368


 52.4689, 35.6807,
25.6492


 10.2186, 4.8404,
2.2098


 70.8098, 50.3363,
37.9589

 5.6075, 2.1539,
0.6800

 92.9926, 68.5389,
53.6856

 2.6463, 0.6947,
0.0000

 119.3828, 90.6729,
73.2479

 0.9696, 0.0000,
0.0000

 150.3457,
117.1228, 97.0642

 0.0000, 0.0000,
0.0000

186.2467,

148.2728, 125.5532

227.4511,
184.5074, 159.1334

■ 25.8519, 15.4729,
9.6067

■ 25.8519, 15.4729,
9.6067

■ 24.4781, 13.6035,
6.4421

■ 27.7520, 18.1592,
13.6748

■ 23.5741, 12.4543,
4.1094

■ 30.2249, 21.7394,
18.7088

■ 23.0426, 11.8504,
2.5168

■ 33.3129, 26.2845,
24.7662

■ 23.0379, 11.8449,
2.5032

■ 37.0543, 31.8578,
31.8998

■ 41.4838, 38.5169,
40.1587

■ 46.6341, 46.3154,
49.5890

■ 52.5355, 55.3033,
60.2340

■ 59.2166, 65.5275,
72.1351

■ 66.7045, 77.0324,
85.3316

Harmonies

Analogous

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



26.2677, 15.4729, 23.0850



25.8519, 15.4729, 9.6067



22.0765, 15.4729, 3.5226

Triad

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



25.8519, 15.4729, 9.6067



8.6363, 15.4729, 4.3647



12.8380, 15.4729, 60.7276

Complementary

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



25.8519, 15.4729, 9.6067



29.0876, 43.4272, 46.3885

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.



9.1919, 15.4729, 46.8731



25.8519, 15.4729, 9.6067



7.1602, 15.4729, 11.8486

Square

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



25.8519, 15.4729, 9.6067



11.8942, 15.4729, 1.8963



7.3374, 15.4729, 27.0355



17.9306, 15.4729, 58.8356

Rectangle

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



25.8519, 15.4729, 9.6067



18.5595, 15.4729, 2.0317



7.3374, 15.4729, 27.0355



11.4275, 15.4729, 57.5383

Sweetspot

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



25.8523, 15.4738, 9.6069



73.9192, 67.9184, 70.4725



28.2977, 15.7594, 53.7747



15.3235, 13.7871, 14.1589



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.



25.8523, 15.4738, 9.6069



43.3568, 23.3644, 9.1995



28.3442, 21.6310, 6.8202



10.1406, 10.1049, 10.8312



14.8249, 7.6197, 1.7240



0.6625, 0.3380, 0.1901

Inverse Universe

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



25.8523, 15.4738, 9.6069



43.3568, 23.3644, 9.1995



23.0969, 27.5736, 56.3292



10.1406, 10.1049, 10.8312



14.8249, 7.6197, 1.7240



0.6625, 0.3380, 0.1901

Previews

White Background



This preview shows how the XYZ color 25.8519, 15.4729, 9.6067 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 25.8519, 15.4729, 9.6067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

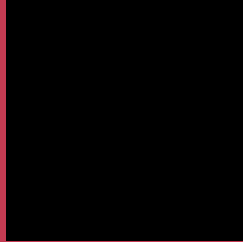
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8519, 15.4729, 9.6067

Background



This preview shows how black text looks on a background with the XYZ color 25.8519, 15.4729, 9.6067.



This preview shows how white text looks on a background with the XYZ color 25.8519, 15.4729,

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

25.8519, 15.4729, 9.6067

Protanopia

14.9875, 15.7032, 15.8768

Deuteranopia

15.9398, 15.7216, 8.8511



Tritanopia

25.1824, 15.4290, 6.6519

Trichromacy



Original Color

25.8519, 15.4729, 9.6067

Protanomaly

17.2264, 14.1849, 13.1393

Deuteranomaly

18.4651, 14.6634, 9.0648

Tritanomaly

25.3118, 15.3945, 7.5986

Monochromacy



Original Color

25.8519, 15.4729, 9.6067

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

15.7903, 12.9610, 12.4960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8519, 15.4729, 9.6067 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(196, 59, 82)` looks like.

```
.text, #text, p{  
    color:rgb(196, 59, 82)  
}
```

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(196, 59, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 59, 82) }
```

Border

The CSS property to change the border of an element to XYZ 25.8519, 15.4729, 9.6067 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(196, 59, 82) }
```


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

```
.border{ border-color:rgb(196, 59, 82) }
```

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

Here you see how a box with a 4 pixel rgb(196, 59, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 59, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 59, 82);  
box-shadow:4px 4px 4px 4px rgb(196, 59,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8519, 15.4729, 9.6067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 59, 82) }
```

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

```
.background{ background-color: rgb(196, 59,  
82) }
```

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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