

Converting Colors

XYZ(25.4937, 15.5238, 9.6354)

Have a look what the booklet for
XYZ(25.4937, 15.5238, 9.6354)
contains.

XYZ(25.4937, 15.5238, 9.6354)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.4937, 15.5238,
9.6354)**

Conversions

Conversions Part 1

Format	Color
Hex	C23E52
RGB	194, 62, 82
RGB Percent	76%, 24%, 32%
CMY	0.2392, 0.7568, 0.6784
CMYK	0.00, 0.68, 0.58, 0.24
HSL	351°, 52%, 50%
HSV	351°, 68%, 76%
XYZ	25.4937, 15.5238, 9.6354
YIQ	103.7480, 72.2520, 34.2040

Conversions

Conversions Part 2

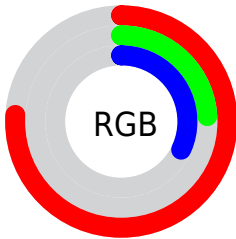
Format	Color
RYB	194, 62, 82
Decimal	12729938
CIELab	46.34, 53.73, 18.36
CIElCh	46, 56.784, 18.868
Yxy	15.5238, 0.5033, 0.3065
Android (android.graphics.Color)	4290920018 (0xFFC23E52)
YUV	103.7480, -10.7218, 79.1510
Hunter-Lab	39.4003, 46.5469, 13.0807

Details

The XYZ color **25.4937, 15.5238, 9.6354** 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 **28.9195, 42.6640, 46.7591**, and the grayscale version is **13.1059, 13.7884, 15.0156**.

A 20% lighter version of the original color is **51.6980, 35.6213, 25.6235**, and **10.1814, 5.2083, 2.3024** is the 20% darker color. If you saturate the color by 10%, you get **24.0675, 13.5566, 6.4315**, and if you desaturate by 10%, it is **27.4474, 18.3057, 13.7567**.

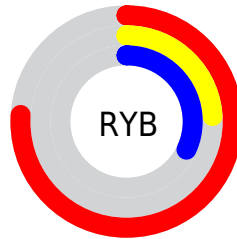
Distribution



Red (76%)

Green (24%)

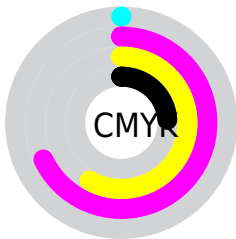
Blue (32%)



Red (76%)

Yellow (24%)

Blue (32%)

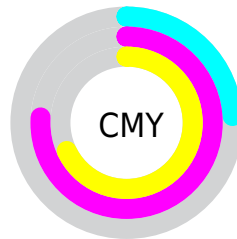


Cyan (0%)

Magenta (68%)

Yellow (58%)

Black (24%)



Cyan (24%)


Magenta (76%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4937, 15.5238, 9.6354 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 25.4937, 15.5238, 9.6354 by changing the saturation by 10% instead.


 25.4937, 15.5238,
9.6354


 25.4937, 15.5238,
9.6354


272.5903,
226.5151, 198.4390


 16.5759, 9.1878,
5.0555


 51.8942, 35.7695,
25.7044


 10.0260, 4.8639,
2.2205


 70.1076, 50.4480,
38.0306

 5.4786, 2.1676,
0.6862

 92.1503, 68.6761,
53.7760

 2.5683, 0.7023,
0.0000

 118.3876, 90.8383,
73.3590

 0.9299, 0.0000,
0.0000

 149.1849,
117.3189, 97.1983

 0.0000, 0.0000,
0.0000

184.9076,

148.5023, 125.7124

225.9209,
184.7729, 159.3198

■ 25.4937, 15.5238,
9.6354

■ 25.4937, 15.5238,
9.6354

■ 24.0675, 13.5566,
6.4315

■ 27.4474, 18.3057,
13.7567

■ 23.1145, 12.3128,
4.0726

■ 29.9732, 21.9756,
18.8586

■ 22.5585, 11.6596,
2.4724

■ 33.1125, 26.6016,
24.9993

■ 22.4745, 11.5599,
2.2342

■ 36.9021, 32.2446,
32.2324

■ 41.3763, 38.9600,
40.6075

■ 46.5667, 46.7997,
50.1714

■ 52.5029, 55.8118,
60.9681

■ 59.2130, 66.0419,
73.0396

■ 66.7236, 77.5330,
86.4256

Harmonies

Analogous

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



25.9669, 15.5238, 22.6200



25.4937, 15.5238, 9.6354



21.8025, 15.5238, 3.6895

Triad

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



25.4937, 15.5238, 9.6354



8.7716, 15.5238, 4.6958



13.0217, 15.5238, 59.1650

Complementary

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



25.4937, 15.5238, 9.6354



28.9195, 42.6640, 46.7591

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.



9.4178, 15.5238, 46.1727



25.4937, 15.5238, 9.6354



7.3486, 15.5238, 12.2405

Square

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



25.4937, 15.5238, 9.6354



11.9320, 15.5238, 2.1142



7.5557, 15.5238, 27.1302



17.9912, 15.5238, 57.0344

Rectangle

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



25.4937, 15.5238, 9.6354



18.3904, 15.5238, 2.2060



7.5557, 15.5238, 27.1302



11.6332, 15.5238, 56.2241

Sweetspot

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



25.4941, 15.5247, 9.6357



73.0032, 67.6354, 69.9239



28.4741, 16.1120, 52.6477



15.4678, 14.0315, 14.3429



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.



25.4941, 15.5247, 9.6357



42.5957, 23.2231, 9.2208



28.2723, 22.1264, 7.3394



10.1340, 10.1022, 10.7962



14.7959, 7.6081, 1.5711



0.6595, 0.3368, 0.1744

Inverse Universe

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



25.4941, 15.5247, 9.6357



42.5957, 23.2231, 9.2208



22.6315, 26.7329, 55.0057



10.1340, 10.1022, 10.7962



14.7959, 7.6081, 1.5711



0.6595, 0.3368, 0.1744

Previews

White Background



This preview shows how the XYZ color 25.4937, 15.5238, 9.6354 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 25.4937, 15.5238, 9.6354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

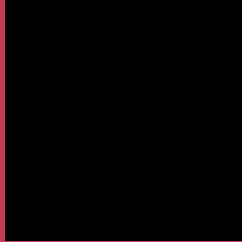
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.4937, 15.5238, 9.6354

Background



This preview shows how black text looks on a background with the XYZ color 25.4937, 15.5238, 9.6354.



This preview shows how white text looks on a background with the XYZ color 25.4937, 15.5238,

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

25.4937, 15.5238, 9.6354

Protanopia

15.0141, 15.7287, 15.3413

Deuteranopia

15.9743, 15.7354, 9.0328



Tritanopia

24.9260, 15.5354, 7.1537

Trichromacy



Original Color

25.4937, 15.5238, 9.6354

Protanomaly

17.3534, 14.5129, 12.9530

Deuteranomaly

18.5489, 14.8309, 9.0928

Tritanomaly

25.0283, 15.4853, 7.9732

Monochromacy



Original Color

25.4937, 15.5238, 9.6354

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

16.0002, 13.3077, 12.7917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4937, 15.5238, 9.6354 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(194, 62, 82)` looks like.

```
.text, #text, p{  
    color:rgb(194, 62, 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(194, 62, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 62, 82) }
```

Border

The CSS property to change the border of an element to XYZ 25.4937, 15.5238, 9.6354 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(194, 62, 82) }
```


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

```
.border{ border-color:rgb(194, 62, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 62, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 62, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 62, 82);  
box-shadow:4px 4px 4px 4px rgb(194, 62,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4937, 15.5238, 9.6354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 62, 82) }
```

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

```
.background{ background-color: rgb(194, 62,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor