

Converting Colors

XYZ(33.6486, 23.1668, 15.7174)

Have a look what the booklet for
XYZ(33.6486, 23.1668, 15.7174)
contains.

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Color

**XYZ(33.7423, 23.1809,
15.7927)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D45F68 |
| RGB | 212, 95, 104 |
| RGB Percent | 83%, 37%, 41% |
| CMY | 0.1686, 0.6274, 0.5922 |
| CMYK | 0.00, 0.55, 0.51, 0.17 |
| HSL | 355°, 58%, 60% |
| HSV | 355°, 55%, 83% |
| XYZ | 33.7423, 23.1809, 15.7927 |
| YIQ | 131.0090, 66.8430, 27.6030 |

Conversions

Conversions Part 2

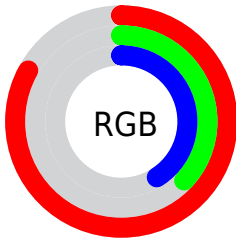
| Format | Color |
|-------------------------------------|---|
| RYB | 212, 95, 104 |
| Decimal | 13918056 |
| CIELab | 55.26, 46.89, 17.78 |
| CIELCh | 55, 50.146, 20.763 |
| Yxy | 23.1809, 0.4640, 0.3188 |
| Android (android.graphics.Color) | 4292108136 (0xFFD45F68) |
| YUV | 131.0090, -13.3154, 71.0291 |
| Hunter-Lab | 48.1465, 40.8408, 14.2547 |

Details

The XYZ color **33.7423, 23.1809, 15.7927** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **39.0436, 53.8322, 64.8362**, and the grayscale version is **21.6067, 22.7319, 24.7550**.

A 20% lighter version of the original color is **57.9038, 45.1215, 36.6678**, and **14.6683, 8.6536, 4.7681** is the 20% darker color. If you saturate the color by 10%, you get **31.2044, 19.5157, 10.5985**, and if you desaturate by 10%, it is **37.0316, 27.9799, 22.3758**.

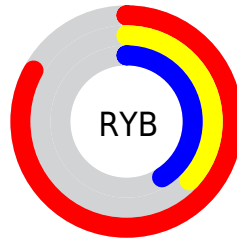
Distribution



Red (83%)

Green (37%)

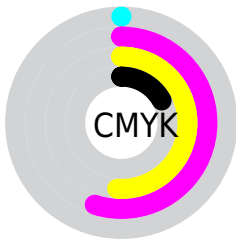
Blue (41%)



Red (83%)

Yellow (37%)

Blue (41%)

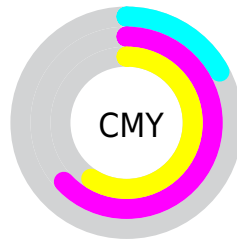


Cyan (0%)

Magenta (55%)

Yellow (51%)

Black (17%)



Cyan (17%)

Magenta (63%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.7423, 23.1809, 15.7927 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 33.7423, 23.1809, 15.7927 by changing the saturation by 10% instead.

■ 33.7423, 23.1809,
15.7927

■ 33.7423, 23.1809,
15.7927

310.5876,
268.6528, 239.9192

■ 22.8576, 14.7271,
9.2248

■ 64.8797, 48.6902,
36.9997

■ 14.6085, 8.6281,
4.7893

■ 85.8631, 66.5145,
52.4759

■ 8.6296, 4.4994,
2.0676

■ 110.9435, 88.2311,
71.7587

■ 4.5556, 1.9567,
0.5964

■ 140.4863,
114.2245, 95.2665

■ 2.0210, 0.5821,
0.0000

174.8567,
144.8789, 123.4179

■ 0.6457, 0.0000,
0.0000

214.4202,

■ 0.0000, 0.0000,

180.5789, 156.6314

0.0000

259.5420,
221.7087, 195.3257

■ 33.7423, 23.1809,
15.7927

■ 33.7423, 23.1809,
15.7927

■ 31.2044, 19.5157,
10.5985

■ 37.0316, 27.9799,
22.3758

■ 29.3567, 16.8876,
6.6922

■ 41.1235, 33.9916,
30.4363

■ 28.1313, 15.1901,
3.9613

■ 46.0670, 41.2922,
40.0571

■ 27.4455, 14.2919,
2.2731

■ 51.9062, 49.9506,
51.3144

■ 27.2471, 14.0353,
1.7750

■ 58.6826, 60.0306,
64.2793

■ 66.4350, 71.5924,
79.0189

■ 75.1997, 84.6922,
95.5966

■ 80.9613, 92.7370,
108.2407

Harmonies

Analogous

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



34.4930, 23.1809, 30.5334



33.7423, 23.1809, 15.7927



29.5879, 23.1809, 8.0724

Triad

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



33.7423, 23.1809, 15.7927



14.6868, 23.1809, 10.3037



20.3455, 23.1809, 69.6855

Complementary

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



33.7423, 23.1809, 15.7927



39.0436, 53.8322, 64.8362

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.



15.8874, 23.1809, 57.5429



33.7423, 23.1809, 15.7927



13.0054, 23.1809, 20.5969

Square

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



33.7423, 23.1809, 15.7927



18.4243, 23.1809, 5.9674



13.4041, 23.1809, 37.8580



26.0840, 23.1809, 66.5716

Rectangle

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



33.7423, 23.1809, 15.7927



25.7831, 23.1809, 5.8604



13.4041, 23.1809, 37.8580



18.6650, 23.1809, 67.1103

Sweetspot

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



33.7429, 23.1821, 15.7931



76.9596, 73.0776, 74.3275



40.4014, 25.5306, 65.0858



16.0751, 15.0519, 15.1442



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.



33.7429, 23.1821, 15.7931



46.9068, 28.9410, 15.0790



39.1532, 34.6954, 15.4613



12.4616, 12.4361, 13.1051



16.8354, 8.6705, 1.1716



1.0293, 0.5285, 0.1435

Inverse Universe

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



33.7429, 23.1821, 15.7931



46.9068, 28.9410, 15.0790



29.7458, 33.4709, 67.1800



12.4616, 12.4361, 13.1051



16.8354, 8.6705, 1.1716



1.0293, 0.5285, 0.1435

Previews

White Background



This preview shows how the XYZ color 33.7423, 23.1809, 15.7927 looks on a white background.

Color Contrast Check

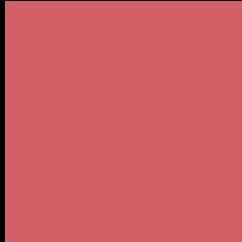
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 33.7423, 23.1809, 15.7927 looks on a black 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

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

XYZ 33.7423, 23.1809, 15.7927

Background



This preview shows how black text looks on a background with the XYZ color 33.7423, 23.1809, 15.7927.



This preview shows how white text looks on a background with the XYZ color 33.7423, 23.1809,

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

33.7423, 23.1809, 15.7927

Protanopia

22.2453, 23.3109, 21.7394

Deuteranopia

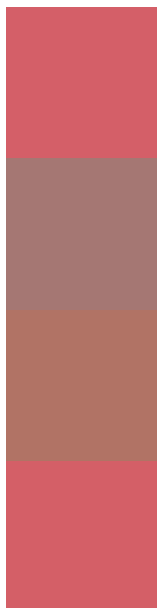
23.7461, 23.2477, 15.0401



Tritanopia

33.6419, 23.1408, 15.2639

Trichromacy



Original Color

33.7423, 23.1809, 15.7927

Protanomaly

25.2084, 22.4308, 19.2206

Deuteranomaly

26.6112, 22.5482, 15.2616

Tritanomaly

33.6918, 23.1607, 15.5267

Monochromacy



Original Color

33.7423, 23.1809, 15.7927

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

24.4268, 21.8109, 21.0117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.7423, 23.1809, 15.7927 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(212, 95, 104)` looks like.

```
.text, #text, p{  
    color:rgb(212, 95, 104)  
}
```

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(212, 95, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 95, 104) }
```

Border

The CSS property to change the border of an element to XYZ 33.7423, 23.1809, 15.7927 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(212, 95, 104) }
```


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

```
.border{ border-color:rgb(212, 95, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 95, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 95, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 95, 104);  
box-shadow:4px 4px 4px 4px rgb(212, 95,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 33.7423, 23.1809, 15.7927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 95, 104) }
```

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

```
.background{ background-color: rgb(212, 95,  
104) }
```

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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