

Converting Colors

XYZ(36.5016, 24.0177, 15.7272)

Have a look what the booklet for
XYZ(36.5016, 24.0177, 15.7272)
contains.

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Color

**XYZ(36.5863, 23.9998,
15.8008)**

Conversions

Conversions Part 1

Format	Color
Hex	DF5A68
RGB	223, 90, 104
RGB Percent	87%, 35%, 41%
CMY	0.1255, 0.6470, 0.5922
CMYK	0.00, 0.60, 0.53, 0.13
HSL	354°, 68%, 61%
HSV	354°, 60%, 87%
XYZ	36.5863, 23.9998, 15.8008
YIQ	131.3630, 74.7740, 32.5500

Conversions

Conversions Part 2

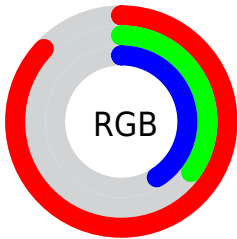
Format	Color
R_{YB}	223, 90, 104
Decimal	14637672
CIE _{Lab}	56.09, 52.99, 19.19
CIE _{LCh}	56, 56.362, 19.905
Yxy	23.9998, 0.4790, 0.3142
Android (android.graphics.Color)	4292827752 (0xFFDF5A68)
YUV	131.3630, -13.4900, 80.3656
Hunter-Lab	48.9896, 47.5752, 15.1697

Details

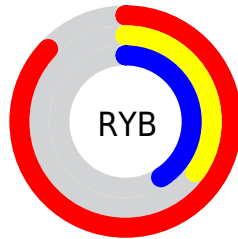
The XYZ color **36.5863, 23.9998, 15.8008** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **42.1143, 59.5530, 69.6015**, and the grayscale version is **21.7322, 22.8640, 24.8989**.

A 20% lighter version of the original color is **57.2818, 43.8774, 36.4604**, and **16.1553, 9.0098, 4.7585** is the 20% darker color. If you saturate the color by 10%, you get **34.0829, 20.4278, 10.5437**, and if you desaturate by 10%, it is **39.8948, 28.7985, 22.5096**.

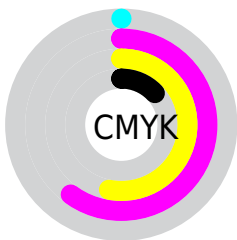
Distribution



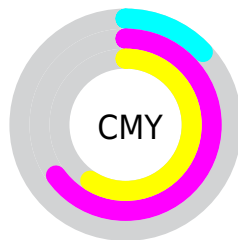
- Red (87%)
- Green (35%)
- Blue (41%)



- Red (87%)
- Yellow (35%)
- Blue (41%)



- Cyan (0%)
- Magenta (60%)
- Yellow (53%)
- Black (13%)





- Cyan (13%)
- Magenta (65%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5863, 23.9998, 15.8008 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 36.5863, 23.9998, 15.8008 by changing the saturation by 10% instead.

 36.5863, 23.9998,
15.8008


 36.5863, 23.9998,
15.8008


322.9027,
272.8195, 239.9688


 25.0595, 15.3335,
9.2305


 69.2540, 50.0299,
37.0140

 16.2504, 9.0538,
4.7930


 91.1257, 68.1624,
52.4940

 9.7935, 4.7763,
2.0697


 117.1764, 90.2191,
71.7809

 5.3235, 2.1166,
0.5976

 147.7715,
116.5845, 95.2933

 2.4750, 0.6739,
0.0000

183.2763,
147.6427, 123.4498

 0.8826, 0.0000,
0.0000

224.0562,

 0.0000, 0.0000,

183.7784, 156.6688

0.0000

270.4765,
225.3759, 195.3690

■ 36.5863, 23.9998,
15.8008

■ 36.5863, 23.9998,
15.8008

■ 34.0829, 20.4278,
10.5437

■ 39.8948, 28.7985,
22.5096

■ 32.3134, 17.9672,
6.6293

■ 44.0677, 34.9175,
30.7659

■ 31.1971, 16.4879,
3.9349

■ 49.1611, 42.4461,
40.6584

■ 30.6069, 15.7722,
2.3055

■ 55.2255, 51.4645,
52.2690

■ 30.5907, 15.7517,
2.2632

■ 62.3080, 62.0470,
65.6740

■ 70.4524, 74.2628,
80.9451

■ 79.7000, 88.1771,
98.1500

■ 84.2413, 94.4279,
108.3942

Harmonies

Analogous

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



37.3443, 23.9998, 32.8714



36.5863, 23.9998, 15.8008



31.7761, 23.9998, 7.2797

Triad

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



36.5863, 23.9998, 15.8008



14.5721, 23.9998, 9.2716



20.7038, 23.9998, 79.0823

Complementary

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



36.5863, 23.9998, 15.8008



42.1143, 59.5530, 69.6015

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.



15.7140, 23.9998, 63.8512



36.5863, 23.9998, 15.8008



12.6427, 23.9998, 20.3826

Square

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



36.5863, 23.9998, 15.8008



18.8406, 23.9998, 4.9322



13.0171, 23.9998, 40.1999



27.3036, 23.9998, 75.8358

Rectangle

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



36.5863, 23.9998, 15.8008



27.3473, 23.9998, 4.9455



13.0171, 23.9998, 40.1999



18.8065, 23.9998, 75.7537

Sweetspot

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



36.5869, 24.0011, 15.8012



76.1936, 71.7614, 73.4065



42.8437, 25.9766, 72.5677



15.7499, 14.5270, 14.6488



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.



36.5869, 24.0011, 15.8012



45.3949, 26.5680, 12.5692



41.8003, 35.4725, 14.3184



13.7656, 13.7239, 14.5356



18.0066, 9.2696, 1.4347



1.2682, 0.6505, 0.2051

Inverse Universe

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



36.5869, 24.0011, 15.8012



45.3949, 26.5680, 12.5692



32.2927, 37.0143, 75.2543



13.7656, 13.7239, 14.5356



18.0066, 9.2696, 1.4347



1.2682, 0.6505, 0.2051

Previews

White Background



This preview shows how the XYZ color 36.5863, 23.9998, 15.8008 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 36.5863, 23.9998, 15.8008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

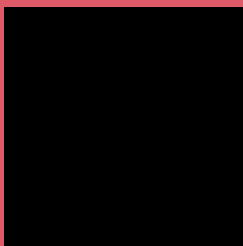
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.5863, 23.9998, 15.8008

Background



This preview shows how black text looks on a background with the XYZ color 36.5863, 23.9998, 15.8008.

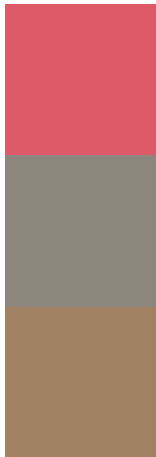


This preview shows how white text looks on a background with the XYZ color 36.5863, 23.9998,

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

36.5863, 23.9998, 15.8008

Protanopia

23.0420, 24.1063, 22.8406

Deuteranopia

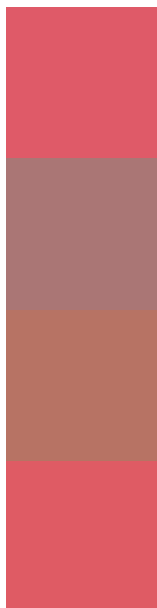
24.5521, 24.0559, 14.9045



Tritanopia

36.3302, 24.0332, 14.0333

Trichromacy



Original Color

36.5863, 23.9998, 15.8008

Protanomaly

26.2669, 22.7873, 19.8436

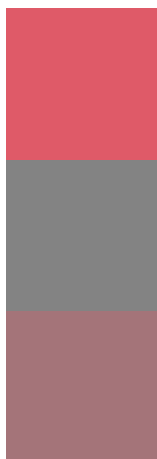
Deuteranomaly

27.9594, 23.2488, 15.0704

Tritanomaly

36.4728, 24.0902, 14.7841

Monochromacy



Original Color

36.5863, 23.9998, 15.8008

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

25.0064, 21.7638, 20.9720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5863, 23.9998, 15.8008 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(223, 90, 104)` looks like.

```
.text, #text, p{  
    color:rgb(223, 90, 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(223, 90, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 90, 104) }
```

Border

The CSS property to change the border of an element to XYZ 36.5863, 23.9998, 15.8008 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(223, 90, 104) }
```


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

```
.border{ border-color:rgb(223, 90, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 90, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 90, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 90, 104);  
box-shadow:4px 4px 4px 4px rgb(223, 90,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5863, 23.9998, 15.8008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 90, 104) }
```

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

```
.background{ background-color: rgb(223, 90,  
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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