

Converting Colors

XYZ(37.0114, 23.4374, 24.0240)

Have a look what the booklet for
XYZ(37.0114, 23.4374, 24.0240)
contains.

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Color

**XYZ(36.8604, 23.3513,
24.0372)**

Conversions

Conversions Part 1

Format	Color
Hex	DC5583
RGB	220, 85, 131
RGB Percent	86%, 33%, 51%
CMY	0.1373, 0.6666, 0.4863
CMYK	0.00, 0.61, 0.40, 0.14
HSL	340°, 66%, 60%
HSV	340°, 61%, 86%
XYZ	36.8604, 23.3513, 24.0372
YIQ	130.6090, 65.6940, 42.9260

Conversions

Conversions Part 2

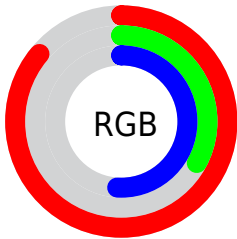
Format	Color
R_{YB}	220, 85, 131
Decimal	14439811
CIE _{Lab}	55.43, 56.72, 2.28
CIE _{LCh}	55, 56.771, 2.306
Yxy	23.3513, 0.4375, 0.2772
Android (android.graphics.Color)	4292629891 (0xFFDC5583)
YUV	130.6090, 0.1928, 78.3959
Hunter-Lab	48.3232, 51.5923, 4.3338

Details

The XYZ color **36.8604, 23.3513, 24.0372** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **36.9808, 56.1742, 48.9416**, and the grayscale version is **21.4180, 22.5334, 24.5389**.

A 20% lighter version of the original color is **59.4166, 43.7704, 50.6643**, and **16.5078, 8.7601, 8.8034** is the 20% darker color. If you saturate the color by 10%, you get **34.4744, 20.0440, 18.7266**, and if you desaturate by 10%, it is **39.9235, 27.7926, 30.2530**.

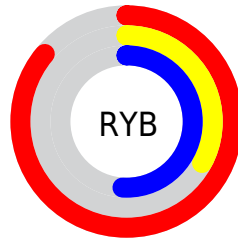
Distribution



Red (86%)

Green (33%)

Blue (51%)



Red (86%)

Yellow (33%)

Blue (51%)

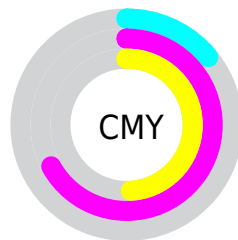


Cyan (0%)

Magenta (61%)

Yellow (40%)

Black (14%)



Cyan (14%)


Magenta (67%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.8604, 23.3513, 24.0372 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 36.8604, 23.3513, 24.0372 by changing the saturation by 10% instead.


 36.8604, 23.3513,
24.0372


 36.8604, 23.3513,
24.0372


324.0718,
269.5242, 286.3011


 25.2726, 14.8531,
15.1488

 69.6733, 48.9695,
51.0355


 16.4101, 8.7164,
8.7761


 91.6290, 66.8583,
69.9824

 9.9075, 4.5566,
4.5006


 117.7715, 88.6462,
93.1193

 5.3995, 1.9896,
1.9038

 148.4660,
114.7174, 120.8646

 2.5206, 0.6014,
0.4951

184.0779,
145.4564, 153.6369

 0.9057, 0.0000,
0.0000

224.9726,

 0.0000, 0.0000,

181.2477, 191.8547

0.0000

271.5155,
222.4755, 235.9366

■ 36.8604, 23.3513,
24.0372

■ 36.8604, 23.3513,
24.0372

■ 34.4744, 20.0440,
18.7266

■ 39.9235, 27.7926,
30.2530

■ 32.7062, 17.7612,
14.2726

■ 43.7124, 33.4566,
37.4159

■ 31.4884, 16.3777,
10.6231

■ 48.2732, 40.4274,
45.5665

■ 30.7836, 15.7230,
8.0610

■ 53.6475, 48.7806,
54.7426

■ 59.8739, 58.5860,
64.9796

■ 66.9884, 69.9086,
76.3113

■ 75.0250, 82.8095,
88.7700

■ 82.0692, 93.4532,
101.7376

■ 83.3252, 93.9556,
108.3513

Harmonies

Analogous

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



34.9364, 23.3513, 45.5171



36.8604, 23.3513, 24.0372



34.2723, 23.3513, 10.8838

Triad

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



36.8604, 23.3513, 24.0372



16.2588, 23.3513, 5.7824



16.9639, 23.3513, 70.9928

Complementary

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



36.8604, 23.3513, 24.0372



36.9808, 56.1742, 48.9416

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.



13.3513, 23.3513, 49.2256



36.8604, 23.3513, 24.0372



13.0024, 23.3513, 12.3355

Square

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



36.8604, 23.3513, 24.0372



21.7045, 23.3513, 3.9907



12.0489, 23.3513, 26.8665



22.6923, 23.3513, 79.2223

Rectangle

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



36.8604, 23.3513, 24.0372



30.5795, 23.3513, 6.5180



12.0489, 23.3513, 26.8665



15.5025, 23.3513, 64.6287

Sweetspot

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



36.8610, 23.3525, 24.0376



77.6200, 72.3320, 80.9177



33.3463, 20.5216, 69.9136



16.0923, 14.6640, 16.4522



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.



36.8610, 23.3525, 24.0376



47.2749, 26.8192, 24.0128



36.2329, 26.0271, 11.7100



13.2382, 13.1244, 14.5156



18.1136, 9.2465, 4.9784



1.2131, 0.6149, 0.5309

Inverse Universe

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



36.8610, 23.3525, 24.0376



47.2749, 26.8192, 24.0128



37.2619, 48.2923, 75.0675



13.2382, 13.1244, 14.5156



18.1136, 9.2465, 4.9784



1.2131, 0.6149, 0.5309

Previews

White Background



This preview shows how the XYZ color 36.8604, 23.3513, 24.0372 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 36.8604, 23.3513, 24.0372 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 36.8604, 23.3513, 24.0372

Background



This preview shows how black text looks on a background with the XYZ color 36.8604, 23.3513, 24.0372.



This preview shows how white text looks on a background with the XYZ color 36.8604, 23.3513,

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

36.8604, 23.3513, 24.0372

Protanopia

23.4114, 23.5949, 36.1213

Deuteranopia

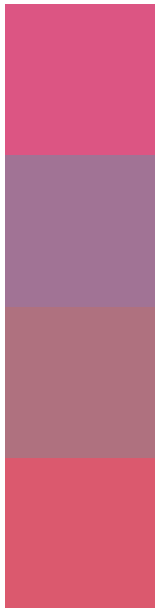
23.8828, 23.5453, 22.3547



Tritanopia

34.9452, 23.4416, 14.2381

Trichromacy



Original Color

36.8604, 23.3513, 24.0372

Protanomaly

26.2535, 22.0085, 31.2981

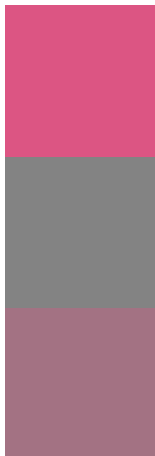
Deuteranomaly

27.4151, 22.4565, 22.9683

Tritanomaly

35.6003, 23.3306, 17.3788

Monochromacy



Original Color

36.8604, 23.3513, 24.0372

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

25.2183, 21.4599, 24.2857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8604, 23.3513, 24.0372 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(220, 85, 131)` looks like.

```
.text, #text, p{  
    color:rgb(220, 85, 131)  
}
```

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(220, 85, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 85, 131) }
```

Border

The CSS property to change the border of an element to XYZ 36.8604, 23.3513, 24.0372 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(220, 85, 131) }
```


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

```
.border{ border-color:rgb(220, 85, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 85, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 85, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 85, 131);  
box-shadow:4px 4px 4px 4px rgb(220, 85,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8604, 23.3513, 24.0372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 85, 131) }
```

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

```
.background{ background-color: rgb(220, 85,  
131) }
```

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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