

Converting Colors

XYZ(37.0294, 24.9671, 18.0792)

Have a look what the booklet for
XYZ(37.0294, 24.9671, 18.0792)
contains.

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Color

**XYZ(36.9263, 24.9077,
18.1907)**

Conversions

Conversions Part 1

Format	Color
Hex	DD6070
RGB	221, 96, 112
RGB Percent	87%, 38%, 44%
CMY	0.1333, 0.6235, 0.5608
CMYK	0.00, 0.57, 0.49, 0.13
HSL	352°, 65%, 62%
HSV	352°, 57%, 87%
XYZ	36.9263, 24.9077, 18.1907
YIQ	135.1990, 69.3640, 31.4760

Conversions

Conversions Part 2

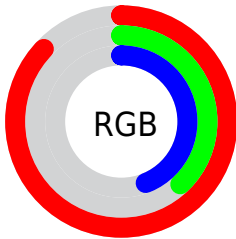
Format	Color
R_{YB}	221, 96, 112
Decimal	14508144
CIE Lab	56.99, 50.25, 15.68
CIE LCh	57, 52.639, 17.336
Yxy	24.9077, 0.4614, 0.3113
Android (android.graphics.Color)	4292698224 (0xFFDD6070)
YUV	135.1990, -11.4371, 75.2475
Hunter-Lab	49.9076, 44.7326, 13.3249

Details

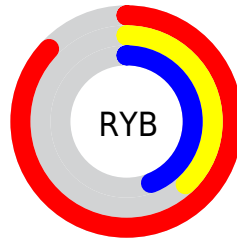
The XYZ color **36.9263, 24.9077, 18.1907** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **41.7012, 58.6081, 66.8761**, and the grayscale version is **23.1269, 24.3313, 26.4968**.

A 20% lighter version of the original color is **59.0074, 46.0736, 40.9050**, and **16.4163, 9.5331, 5.8253** is the 20% darker color. If you saturate the color by 10%, you get **34.2251, 21.0428, 12.5508**, and if you desaturate by 10%, it is **40.4251, 30.0003, 25.2299**.

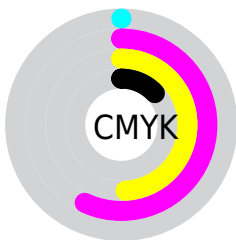
Distribution



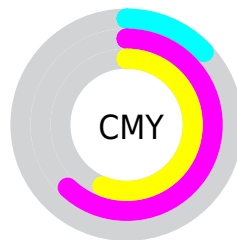
- Red (87%)
- Green (38%)
- Blue (44%)



- Red (87%)
- Yellow (38%)
- Blue (44%)



- Cyan (0%)
- Magenta (57%)
- Yellow (49%)
- Black (13%)





- Cyan (13%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.9263, 24.9077, 18.1907 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 36.9263, 24.9077, 18.1907 by changing the saturation by 10% instead.


 36.9263, 24.9077,
18.1907


 36.9263, 24.9077,
18.1907


324.3524,
277.3780, 254.2159


 25.3238, 16.0083,
10.9161


 69.7740, 51.5074,
41.1803


 16.4485, 9.5300,
5.8970


 91.7499, 69.9766,
57.7325

 9.9349, 5.0885,
2.7148


 117.9144, 92.4044,
78.2142

 5.4178, 2.2993,
0.9509

 148.6328,
119.1754, 103.0441

 2.5317, 0.7733,
0.0000

184.2704,
150.6738, 132.6406

 0.9113, 0.0000,
0.0000

225.1927,

 0.0000, 0.0000,

187.2841, 167.4224

0.0000

271.7649,
229.3907, 207.8080

■ 36.9263, 24.9077,
18.1907

■ 36.9263, 24.9077,
18.1907

■ 34.2251, 21.0428,
12.5508

■ 40.4251, 30.0003,
25.2299

■ 32.2559, 18.2980,
8.2148

■ 44.7761, 36.4085,
33.7524

■ 30.9458, 16.5540,
5.0770

■ 50.0316, 44.2165,
43.8373

■ 30.2034, 15.6581,
3.0137

■ 56.2389, 53.5005,
55.5575

■ 30.0317, 15.4573,
2.5169

■ 63.4420, 64.3311,
68.9814

■ 71.6822, 76.7746,
84.1733

■ 80.9984, 90.8931,
101.1945

■ 83.6287, 94.1121,
108.3655

Harmonies

Analogous

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



37.2645, 24.9077, 35.2871



36.9263, 24.9077, 18.1907



32.6754, 24.9077, 9.0026

Triad

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



36.9263, 24.9077, 18.1907



15.9666, 24.9077, 9.9761



21.1630, 24.9077, 75.7226

Complementary

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



36.9263, 24.9077, 18.1907



41.7012, 58.6081, 66.8761

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.



16.4991, 24.9077, 60.6341



36.9263, 24.9077, 18.1907



13.8693, 24.9077, 20.3220

Square

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



36.9263, 24.9077, 18.1907



20.3067, 24.9077, 5.8782



14.0455, 24.9077, 38.5778



27.3945, 24.9077, 74.3079

Rectangle

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



36.9263, 24.9077, 18.1907



28.5548, 24.9077, 6.2774



14.0455, 24.9077, 38.5778



19.3837, 24.9077, 72.2089

Sweetspot

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



36.9269, 24.9090, 18.1911



77.2461, 73.1922, 75.8362



42.2282, 26.4721, 71.2904



16.1418, 15.0786, 15.4953



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.



36.9269, 24.9090, 18.1911



46.7151, 28.2296, 16.0269



41.5793, 35.5145, 15.7316



13.1235, 13.0785, 13.9117



17.4688, 8.9886, 1.5828



1.1544, 0.5914, 0.2220

Inverse Universe

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



36.9269, 24.9090, 18.1911



46.7151, 28.2296, 16.0269



33.2387, 38.4335, 74.0730



13.1235, 13.0785, 13.9117



17.4688, 8.9886, 1.5828



1.1544, 0.5914, 0.2220

Previews

White Background



This preview shows how the XYZ color 36.9263, 24.9077, 18.1907 looks on a white background.

Color Contrast Check

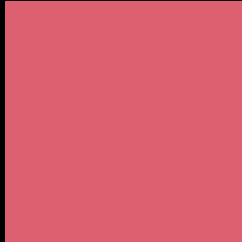
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.9263, 24.9077, 18.1907 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 36.9263, 24.9077, 18.1907

Background



This preview shows how black text looks on a background with the XYZ color 36.9263, 24.9077, 18.1907.



This preview shows how white text looks on a background with the XYZ color 36.9263, 24.9077,

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

36.9263, 24.9077, 18.1907

Protanopia

24.1638, 25.2475, 25.7900

Deuteranopia

25.5507, 25.1202, 17.1377



Tritanopia

36.2886, 24.7645, 15.9641

Trichromacy



Original Color

36.9263, 24.9077, 18.1907

Protanomaly

27.2388, 23.9458, 22.5884

Deuteranomaly

28.8320, 24.3436, 17.3665

Tritanomaly

36.4437, 24.8266, 16.7811

Monochromacy



Original Color

36.9263, 24.9077, 18.1907

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

26.3940, 23.3140, 23.1876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9263, 24.9077, 18.1907 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(221, 96, 112)` looks like.

```
.text, #text, p{  
    color:rgb(221, 96, 112)  
}
```

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(221, 96, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 96, 112) }
```

Border

The CSS property to change the border of an element to XYZ 36.9263, 24.9077, 18.1907 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(221, 96, 112) }
```


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

```
.border{ border-color:rgb(221, 96, 112) }
```

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

Here you see how a box with a 4 pixel rgb(221, 96, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 96, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 96, 112);  
box-shadow:4px 4px 4px 4px rgb(221, 96,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9263, 24.9077, 18.1907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 96, 112) }
```

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

```
.background{ background-color: rgb(221, 96,  
112) }
```

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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