

Converting Colors

XYZ(37.3482, 25.8043, 24.7421)

Have a look what the booklet for
XYZ(37.3482, 25.8043, 24.7421)
contains.

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Color

**XYZ(37.5315, 25.9204,
24.8548)**

Conversions

Conversions Part 1

Format	Color
Hex	D96684
RGB	217, 102, 132
RGB Percent	85%, 40%, 52%
CMY	0.1490, 0.6000, 0.4824
CMYK	0.00, 0.53, 0.39, 0.15
HSL	344°, 60%, 63%
HSV	344°, 53%, 85%
XYZ	37.5315, 25.9204, 24.8548
YIQ	139.8050, 58.9100, 33.7100

Conversions

Conversions Part 2

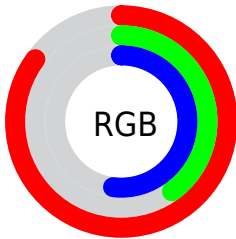
Format	Color
RYB	217, 102, 132
Decimal	14247556
CIELab	57.96, 48.02, 5.29
CIELCh	58, 48.314, 6.285
Yxy	25.9204, 0.4250, 0.2935
Android (android.graphics.Color)	4292437636 (0xFFD96684)
YUV	139.8050, -3.8479, 67.7000
Hunter-Lab	50.9121, 42.4910, 6.6936

Details

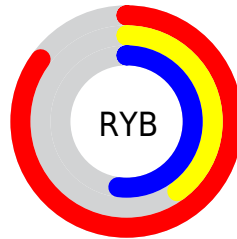
The XYZ color **37.5315, 25.9204, 24.8548** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **39.2634, 56.0390, 55.7643**, and the grayscale version is **24.8509, 26.1451, 28.4720**.

A 20% lighter version of the original color is **61.8854, 48.5397, 52.0063**, and **16.7188, 10.0075, 9.2341** is the 20% darker color. If you saturate the color by 10%, you get **34.6565, 21.7941, 18.8911**, and if you desaturate by 10%, it is **41.1347, 31.2330, 31.8944**.

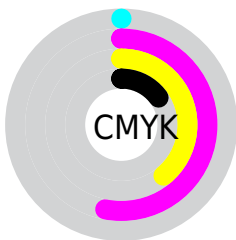
Distribution



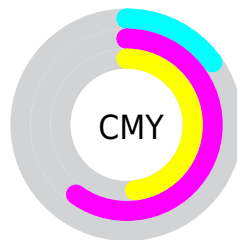
- Red (85%)
- Green (40%)
- Blue (52%)



- Red (85%)
- Yellow (40%)
- Blue (52%)



- Cyan (0%)
- Magenta (53%)
- Yellow (39%)
- Black (15%)





- Cyan (15%)
- Magenta (60%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.5315, 25.9204, 24.8548 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 37.5315, 25.9204, 24.8548 by changing the saturation by 10% instead.


 37.5315, 25.9204,
24.8548


 37.5315, 25.9204,
24.8548


326.9217,
282.3911, 290.5386


 25.7948, 16.7641,
15.7509

 70.6980, 53.1465,
52.3828


 16.8021, 10.0664,
9.1956


 92.8586, 71.9851,
71.6439

 10.1879, 5.4430,
4.7704


 119.2245, 94.8199,
95.1278

 5.5870, 2.5095,
2.0568

 150.1611,
122.0353, 123.2531

 2.6338, 0.8814,
0.5899

186.0338,
154.0158, 156.4383

 0.9632, 0.0000,
0.0000

227.2078,

 0.0000, 0.0000,

191.1456, 195.1019

0.0000

274.0487,
233.8093, 239.6625

■ 37.5315, 25.9204,
24.8548

■ 37.5315, 25.9204,
24.8548

■ 34.6565, 21.7941,
18.8911

■ 41.1347, 31.2330,
31.8944

■ 32.4555, 18.7579,
13.9466

■ 45.5110, 37.8103,
40.0595

■ 30.8695, 16.7073,
9.9609

■ 50.7040, 45.7285,
49.3985

■ 29.8276, 15.5146,
6.8660

■ 56.7534, 55.0566,
59.9561

■ 29.3438, 15.0431,
5.1759

■ 63.6961, 65.8591,
71.7749

■ 71.5671, 78.1962,
84.8952

■ 80.3992, 92.1248,
99.3556

■ 82.4253, 93.4917,
108.3092

Harmonies

Analogous

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



36.3803, 25.9204, 43.1903



37.5315, 25.9204, 24.8548



34.8133, 25.9204, 13.1772

Triad

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



37.5315, 25.9204, 24.8548



18.5846, 25.9204, 9.4581



20.4007, 25.9204, 68.9584

Complementary

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



37.5315, 25.9204, 24.8548



39.2634, 56.0390, 55.7643

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.



16.6658, 25.9204, 51.7817



37.5315, 25.9204, 24.8548



15.7386, 25.9204, 17.1874

Square

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



37.5315, 25.9204, 24.8548



23.4306, 25.9204, 6.8378



15.0959, 25.9204, 31.8823



25.8832, 25.9204, 73.6240

Rectangle

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



37.5315, 25.9204, 24.8548



31.3914, 25.9204, 9.0655



15.0959, 25.9204, 31.8823



18.9277, 25.9204, 64.1987

Sweetspot

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



37.5322, 25.9217, 24.8553



78.9063, 74.8821, 81.4160



37.6076, 24.9949, 68.4880



16.4971, 15.4228, 16.7435



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.



37.5322, 25.9217, 24.8553



49.3786, 30.6112, 25.9950



38.8429, 31.3691, 16.5797



13.1948, 13.1070, 14.2869



17.8002, 9.1211, 3.3281



1.1884, 0.6050, 0.4011

Inverse Universe

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



37.5322, 25.9217, 24.8553



49.3786, 30.6112, 25.9950



36.4545, 44.7347, 72.3589



13.1948, 13.1070, 14.2869



17.8002, 9.1211, 3.3281



1.1884, 0.6050, 0.4011

Previews

White Background



This preview shows how the XYZ color 37.5315, 25.9204, 24.8548 looks on a white background.

Color Contrast Check

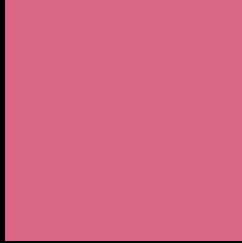
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.5315, 25.9204, 24.8548 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 37.5315, 25.9204, 24.8548

Background



This preview shows how black text looks on a background with the XYZ color 37.5315, 25.9204, 24.8548.



This preview shows how white text looks on a background with the XYZ color 37.5315, 25.9204,

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

37.5315, 25.9204, 24.8548

Protanopia

25.4636, 26.1684, 33.8459

Deuteranopia

26.5953, 26.1294, 23.7204



Tritanopia

36.3511, 25.8943, 18.7050

Trichromacy



Original Color

37.5315, 25.9204, 24.8548

Protanomaly

28.5080, 25.1815, 30.1460

Deuteranomaly

29.6358, 25.3346, 24.0970

Tritanomaly

36.6594, 25.8556, 20.8278

Monochromacy



Original Color

37.5315, 25.9204, 24.8548

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

28.1247, 25.0527, 27.0202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5315, 25.9204, 24.8548 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(217, 102, 132)` looks like.

```
.text, #text, p{  
    color:rgb(217, 102, 132)  
}
```

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(217, 102, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 102, 132) }
```

Border

The CSS property to change the border of an element to XYZ 37.5315, 25.9204, 24.8548 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(217, 102, 132) }
```


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

```
.border{ border-color:rgb(217, 102, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 102, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 102, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 102, 132);  
box-shadow:4px 4px 4px 4px rgb(217, 102,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5315, 25.9204, 24.8548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 102, 132) }
```

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

```
.background{ background-color: rgb(217,  
102, 132) }
```

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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