

Converting Colors

XYZ(37.0657, 25.0455, 17.9025)

Have a look what the booklet for
XYZ(37.0657, 25.0455, 17.9025)
contains.

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Color

**XYZ(37.1763, 25.0430,
17.9133)**

Conversions

Conversions Part 1

Format	Color
Hex	DE606F
RGB	222, 96, 111
RGB Percent	87%, 38%, 44%
CMY	0.1294, 0.6235, 0.5647
CMYK	0.00, 0.57, 0.50, 0.13
HSL	353°, 66%, 62%
HSV	353°, 57%, 87%
XYZ	37.1763, 25.0430, 17.9133
YIQ	135.3840, 70.2810, 31.3770

Conversions

Conversions Part 2

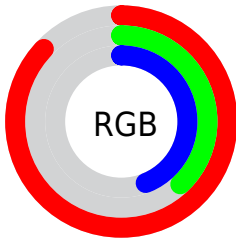
Format	Color
R_{YB}	222, 96, 111
Decimal	14573679
CIE _{Lab}	57.12, 50.50, 16.47
CIE _{LCh}	57, 53.120, 18.068
Yxy	25.0430, 0.4639, 0.3125
Android (android.graphics.Color)	4292763759 (0xFFDE606F)
YUV	135.3840, -12.0213, 75.9622
Hunter-Lab	50.0430, 45.0302, 13.8067

Details

The XYZ color **37.1763, 25.0430, 17.9133** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **42.2091, 59.2349, 68.2444**, and the grayscale version is **23.1977, 24.4058, 26.5779**.

A 20% lighter version of the original color is **58.8282, 46.0019, 39.9611**, and **16.6186, 9.6374, 5.8348** is the 20% darker color. If you saturate the color by 10%, you get **34.4675, 21.1644, 12.2664**, and if you desaturate by 10%, it is **40.6939, 30.1621, 24.9934**.

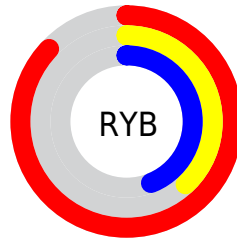
Distribution



Red (87%)

Green (38%)

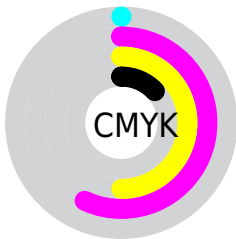
Blue (44%)



Red (87%)

Yellow (38%)

Blue (44%)

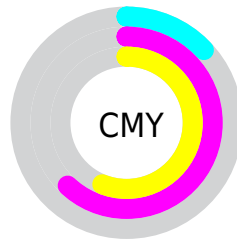


Cyan (0%)

Magenta (57%)

Yellow (50%)

Black (13%)



Cyan (13%)


Magenta (62%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.1763, 25.0430, 17.9133 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 37.1763, 25.0430, 17.9133 by changing the saturation by 10% instead.

 37.1763, 25.0430,
17.9133


 37.1763, 25.0430,
17.9133


325.4155,
278.0520, 252.6016


 25.5183, 16.1091,
10.7190


 70.1559, 51.7270,
40.7015


 16.5944, 9.6014,
5.7664


 92.2083, 70.2458,
57.1324

 10.0393, 5.1355,
2.6371


 118.4561, 92.7285,
77.4793

 5.4875, 2.3270,
0.9115

 149.2649,
119.5593, 102.1606

 2.5737, 0.7879,
0.0000

184.9998,
151.1226, 131.5950

 0.9326, 0.0000,
0.0000

226.0263,

 0.0000, 0.0000,

187.8029, 166.2009

0.0000

272.7097,
229.9846, 206.3969

■ 37.1763, 25.0430,
17.9133

■ 37.1763, 25.0430,
17.9133

■ 34.4675, 21.1644,
12.2664

■ 40.6939, 30.1621,
24.9934

■ 32.5006, 18.4170,
7.9530

■ 45.0763, 36.6107,
33.5944

■ 31.2007, 16.6793,
4.8624

■ 50.3767, 44.4747,
43.7986

■ 30.4736, 15.7945,
2.8644

■ 56.6434, 53.8311,
55.6820

■ 30.3153, 15.6060,
2.4165

■ 63.9215, 64.7518,
69.3156

■ 72.2529, 77.3038,
84.7664

■ 81.6776, 91.5501,
102.0979

■ 83.9341, 94.2695,
108.3798

Harmonies

Analogous

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



37.6270, 25.0430, 35.0331



37.1763, 25.0430, 17.9133



32.7854, 25.0430, 8.8230

Triad

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



37.1763, 25.0430, 17.9133



15.9246, 25.0430, 10.1106



21.3999, 25.0430, 76.8066

Complementary

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



37.1763, 25.0430, 17.9133



42.2091, 59.2349, 68.2444

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.



16.6316, 25.0430, 61.7892



37.1763, 25.0430, 17.9133



13.8621, 25.0430, 20.7438

Square

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



37.1763, 25.0430, 17.9133



20.2615, 25.0430, 5.8723



14.0959, 25.0430, 39.4161



27.7340, 25.0430, 74.9177

Rectangle

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



37.1763, 25.0430, 17.9133



28.5870, 25.0430, 6.1625



14.0959, 25.0430, 39.4161



19.5843, 25.0430, 73.3691

Sweetspot

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



37.1769, 25.0443, 17.9137



77.1956, 73.1720, 75.5702



42.6006, 26.6487, 72.0054



16.1300, 15.0739, 15.4333



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.



37.1769, 25.0443, 17.9137



46.6372, 28.1984, 15.6163



41.9392, 35.7811, 15.7641



13.7732, 13.7269, 14.5761



18.0280, 9.2782, 1.5472



1.2718, 0.6520, 0.2244

Inverse Universe

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



37.1769, 25.0443, 17.9137



46.6372, 28.1984, 15.6163



33.4961, 38.7344, 74.8181



13.7732, 13.7269, 14.5761



18.0280, 9.2782, 1.5472



1.2718, 0.6520, 0.2244

Previews

White Background



This preview shows how the XYZ color 37.1763, 25.0430, 17.9133 looks on a white background.

Color Contrast Check

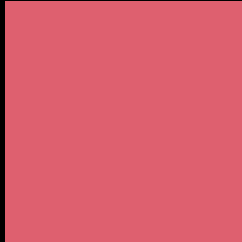
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.1763, 25.0430, 17.9133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

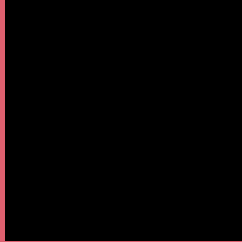
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.1763, 25.0430, 17.9133

Background



This preview shows how black text looks on a background with the XYZ color 37.1763, 25.0430, 17.9133.



This preview shows how white text looks on a background with the XYZ color 37.1763, 25.0430,

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

37.1763, 25.0430, 17.9133

Protanopia

24.0950, 25.2200, 25.4278

Deuteranopia

25.7014, 25.2038, 16.8748



Tritanopia

36.8976, 25.0785, 15.9926

Trichromacy



Original Color

37.1763, 25.0430, 17.9133

Protanomaly

27.1752, 23.9204, 22.2536

Deuteranomaly

29.0178, 24.4455, 17.0990

Tritanomaly

37.0527, 25.1405, 16.8096

Monochromacy



Original Color

37.1763, 25.0430, 17.9133

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

26.5396, 23.3966, 22.8559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1763, 25.0430, 17.9133 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(222, 96, 111)` looks like.

```
.text, #text, p{  
  color:rgb(222, 96, 111)  
}
```

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(222, 96, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 96, 111) }
```

Border

The CSS property to change the border of an element to XYZ 37.1763, 25.0430, 17.9133 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(222, 96, 111) }
```


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

```
.border{ border-color:rgb(222, 96, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 96, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 96, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 96, 111);  
box-shadow:4px 4px 4px 4px rgb(222, 96,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1763, 25.0430, 17.9133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 96, 111) }
```

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

```
.background{ background-color: rgb(222, 96,  
111) }
```

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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