

Converting Colors

XYZ(37.0061, 25.2077, 16.5226)

Have a look what the booklet for
XYZ(37.0061, 25.2077, 16.5226)
contains.

XYZ(37.0934, 25.3056, 16.5651)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.0934, 25.3056,
16.5651)**

Conversions

Conversions Part 1

Format	Color
Hex	DE626A
RGB	222, 98, 106
RGB Percent	87%, 38%, 42%
CMY	0.1294, 0.6157, 0.5843
CMYK	0.00, 0.56, 0.52, 0.13
HSL	356°, 65%, 63%
HSV	356°, 56%, 87%
XYZ	37.0934, 25.3056, 16.5651
YIQ	135.9880, 71.3360, 28.7760

Conversions

Conversions Part 2

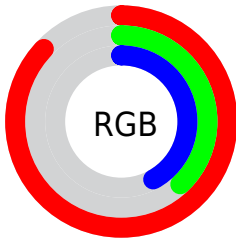
Format	Color
R _Y B	222, 98, 106
Decimal	14574186
CIE Lab	57.37, 49.13, 19.74
CIE LCh	57, 52.947, 21.885
Yxy	25.3056, 0.4698, 0.3205
Android (android.graphics.Color)	4292764266 (0xFFDE626A)
YUV	135.9880, -14.7841, 75.4325
Hunter-Lab	50.3047, 43.5882, 15.6893

Details

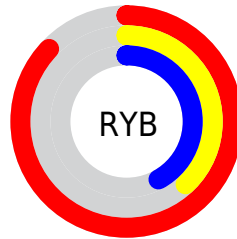
The XYZ color **37.0934, 25.3056, 16.5651** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **43.2974, 59.6948, 72.8629**, and the grayscale version is **23.4331, 24.6534, 26.8476**.

A 20% lighter version of the original color is **58.5540, 46.1508, 37.7201**, and **16.5536, 9.7249, 5.1423** is the 20% darker color. If you saturate the color by 10%, you get **34.3442, 21.3315, 10.9500**, and if you desaturate by 10%, it is **40.6813, 30.5388, 23.7505**.

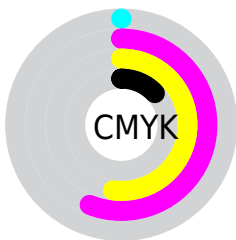
Distribution



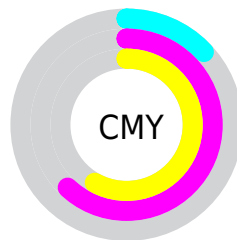
- Red (87%)
- Green (38%)
- Blue (42%)



- Red (87%)
- Yellow (38%)
- Blue (42%)



- Cyan (0%)
- Magenta (56%)
- Yellow (52%)
- Black (13%)





- Cyan (13%)
- Magenta (62%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0934, 25.3056, 16.5651 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 37.0934, 25.3056, 16.5651 by changing the saturation by 10% instead.

 37.0934, 25.3056,
16.5651


 37.0934, 25.3056,
16.5651

325.0632,
279.3564, 244.6121


 25.4538, 16.3049,
9.7662


 70.0293, 52.1526,
38.3569

 16.5460, 9.7402,
5.1407


 92.0564, 70.7676,
54.1868

 10.0046, 5.2270,
2.2699


 118.2766, 93.3562,
73.8642

 5.4643, 2.3811,
0.7143

 149.0554,
120.3028, 97.8077

 2.5597, 0.8161,
0.0000

184.7581,
151.9917, 126.4356

 0.9255, 0.0000,
0.0000

225.7501,

 0.0000, 0.0000,

188.8073, 160.1666

0.0000

272.3967,
231.1341, 199.4193

■ 37.0934, 25.3056,
16.5651

■ 37.0934, 25.3056,
16.5651

■ 34.3442, 21.3315,
10.9500

■ 40.6813, 30.5388,
23.7505

■ 32.3637, 18.5070,
6.7863

■ 45.1667, 37.1206,
32.6103

■ 31.0737, 16.7105,
3.9405

■ 50.6051, 45.1371,
43.2412

■ 30.3779, 15.7910,
2.2536

■ 57.0472, 54.6660,
55.7324

■ 30.2055, 15.5621,
1.8384

■ 64.5399, 65.7796,
70.1667

■ 73.1274, 78.5453,
86.6222

■ 82.8511, 93.0268,
105.1727

■ 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.



38.1030, 25.3056, 32.7316



37.0934, 25.3056, 16.5651



32.3057, 25.3056, 8.3133

Triad

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



37.0934, 25.3056, 16.5651



15.7448, 25.3056, 11.2406



22.3869, 25.3056, 77.9552

Complementary

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



37.0934, 25.3056, 16.5651



43.2974, 59.6948, 72.8629

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.



17.3398, 25.3056, 64.7202



37.0934, 25.3056, 16.5651



13.9656, 25.3056, 22.9525

Square

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



37.0934, 25.3056, 16.5651



19.8246, 25.3056, 6.3042



14.4939, 25.3056, 42.5655



28.8418, 25.3056, 73.7393

Rectangle

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



37.0934, 25.3056, 16.5651



28.0072, 25.3056, 6.0175



14.4939, 25.3056, 42.5655



20.4883, 25.3056, 75.2498

Sweetspot

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



37.0940, 25.3070, 16.5655



76.8905, 73.0499, 73.9639



45.2070, 28.2668, 72.1803



16.0591, 15.0455, 15.0597



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.



37.0940, 25.3070, 16.5655



46.4950, 28.4532, 13.9070



43.5147, 38.7829, 16.7496



13.7429, 13.7148, 14.4162



17.9556, 9.2492, 1.1660



1.2574, 0.6462, 0.1482

Inverse Universe

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



37.0940, 25.3070, 16.5655



46.4950, 28.4532, 13.9070



32.2751, 35.9760, 74.3499



13.7429, 13.7148, 14.4162



17.9556, 9.2492, 1.1660



1.2574, 0.6462, 0.1482

Previews

White Background



This preview shows how the XYZ color 37.0934, 25.3056, 16.5651 looks on a white background.

Color Contrast Check

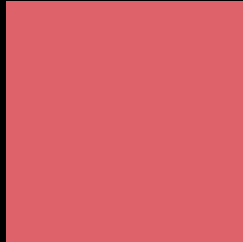
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.0934, 25.3056, 16.5651 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 37.0934, 25.3056, 16.5651

Background



This preview shows how black text looks on a background with the XYZ color 37.0934, 25.3056, 16.5651.



This preview shows how white text looks on a background with the XYZ color 37.0934, 25.3056,

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

37.0934, 25.3056, 16.5651

Protanopia

24.2917, 25.5869, 23.0605

Deuteranopia

25.8614, 25.3151, 15.5799



Tritanopia

37.0417, 25.2849, 16.2928

Trichromacy



Original Color

37.0934, 25.3056, 16.5651

Protanomaly

27.3662, 24.2446, 20.3769

Deuteranomaly

29.1223, 24.7065, 15.8043

Tritanomaly

37.0417, 25.2849, 16.2928

Monochromacy



Original Color

37.0934, 25.3056, 16.5651

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

26.5976, 23.6152, 22.5584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0934, 25.3056, 16.5651 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, 98, 106)` looks like.

```
.text, #text, p{  
    color:rgb(222, 98, 106)  
}
```

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, 98, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 98, 106) }
```

Border

The CSS property to change the border of an element to XYZ 37.0934, 25.3056, 16.5651 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, 98, 106) }
```


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

```
.border{ border-color:rgb(222, 98, 106) }
```

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

Here you see how a box with a 4 pixel rgb(222, 98, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 98, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 98, 106);  
box-shadow:4px 4px 4px 4px rgb(222, 98,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0934, 25.3056, 16.5651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 98, 106) }
```

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

```
.background{ background-color: rgb(222, 98,  
106) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor