

Converting Colors

XYZ(44.4459, 38.0317, 25.7034)

Have a look what the booklet for
XYZ(44.4459, 38.0317, 25.7034)
contains.

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Color

**XYZ(44.5204, 37.9820,
25.7537)**

Conversions

Conversions Part 1

Format	Color
Hex	DE9381
RGB	222, 147, 129
RGB Percent	87%, 58%, 51%
CMY	0.1294, 0.4235, 0.4941
CMYK	0.00, 0.34, 0.42, 0.13
HSL	12°, 58%, 69%
HSV	12°, 42%, 87%
XYZ	44.5204, 37.9820, 25.7537
YIQ	167.3730, 50.4780, 10.3020

Conversions

Conversions Part 2

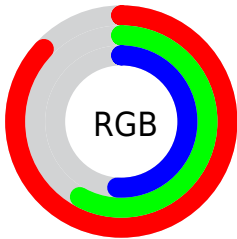
Format	Color
R _Y B	222, 151, 129
Decimal	14586753
CIE Lab	68.01, 26.21, 21.15
CIE LCh	68, 33.680, 38.909
Yxy	37.9820, 0.4113, 0.3509
Android (android.graphics.Color)	4292776833 (0xFFDE9381)
YUV	167.3730, -18.9179, 47.9079
Hunter-Lab	61.6295, 21.0945, 18.3646

Details

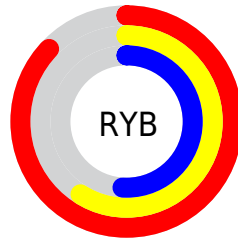
The XYZ color **44.5204, 37.9820, 25.7537** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **43.8301, 53.1248, 77.0513**, and the grayscale version is **36.9856, 38.9117, 42.3749**.

A 20% lighter version of the original color is **70.5701, 66.4107, 53.3551**, and **20.9407, 16.8374, 9.7357** is the 20% darker color. If you saturate the color by 10%, you get **40.6315, 32.3148, 17.9511**, and if you desaturate by 10%, it is **49.1650, 44.6476, 35.3905**.

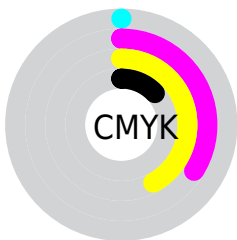
Distribution



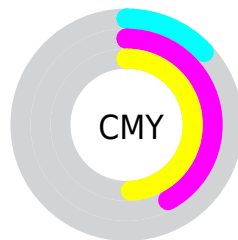
- Red (87%)
- Green (58%)
- Blue (51%)



- Red (87%)
- Yellow (59%)
- Blue (51%)



- Cyan (0%)
- Magenta (34%)
- Yellow (42%)
- Black (13%)



- Cyan (13%)
- Magenta (42%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5204, 37.9820, 25.7537 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 44.5204, 37.9820, 25.7537 by changing the saturation by 10% instead.

44.5204, 37.9820,
25.7537

44.5204, 37.9820,
25.7537

355.6441,
337.5427, 295.1378

31.2795, 25.9687,
16.4154

81.2418, 72.0805,
53.8565

20.9646, 16.8002,
9.6610

105.4529, 94.9346,
73.4581

13.2105, 10.0922,
5.0721

134.0516,
122.1710, 97.3178

7.6516, 5.4601,
2.2302

167.4030,
154.1743, 125.8543

3.9228, 2.5197,
0.6917

205.8726,
191.3286, 159.4859

1.6585, 0.8865,
0.0000

249.8258,

0.4301, 0.0000,

234.0186, 198.6314

0.0000

299.6278,
282.6285, 243.7092

■ 0.0000, 0.0000,
0.0000

■ 44.5204, 37.9820,
25.7537

■ 44.5204, 37.9820,
25.7537

■ 40.6315, 32.3148,
17.9511

■ 49.1650, 44.6476,
35.3905

■ 37.4546, 27.5921,
11.8633

■ 54.6003, 52.3509,
46.9661

■ 34.9455, 23.7632,
7.3603


■ 60.8623, 61.1362,
60.5796

■ 33.0538, 20.7704,
4.2925


■ 67.9841, 71.0431,
76.3230

■ 31.7211, 18.5487,
2.4807

■ 75.9969, 82.1096,
94.2824

 30.9873, 17.2558,
1.6975

 83.7489, 93.8991,
108.3180

 83.9342, 94.2696,
108.3798

Harmonies

Analogous

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



46.9951, 37.9820, 37.0473



44.5204, 37.9820, 25.7537



39.8484, 37.9820, 19.8565

Triad

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



44.5204, 37.9820, 25.7537



27.4942, 37.9820, 31.8187



37.6833, 37.9820, 76.9063

Complementary

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



44.5204, 37.9820, 25.7537



43.8301, 53.1248, 77.0513

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.



32.5957, 37.9820, 74.5347



44.5204, 37.9820, 25.7537



27.0353, 37.9820, 45.9863

Square

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



44.5204, 37.9820, 25.7537



30.1363, 37.9820, 22.7237



28.8158, 37.9820, 62.2509



42.8045, 37.9820, 68.1122

Rectangle

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



44.5204, 37.9820, 25.7537



36.2930, 37.9820, 18.6979



28.8158, 37.9820, 62.2509



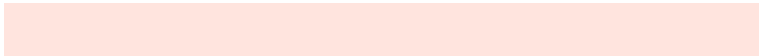
35.9092, 37.9820, 77.4258

Sweetspot

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



44.5214, 37.9839, 25.7544



82.2219, 82.1602, 80.5268



48.9881, 35.6358, 62.0226



17.1760, 16.9938, 16.3124



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.



44.5214, 37.9839, 25.7544



56.3616, 45.3216, 26.0273



53.0575, 55.0561, 28.5998



13.9210, 14.1279, 14.3000



18.4670, 10.3720, 1.0287



1.3421, 0.8430, 0.0920

Inverse Universe

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



43.8301, 53.1248, 77.0513



55.2619, 68.5402, 104.9247



34.5422, 34.5490, 73.9553



13.8793, 15.0977, 17.5703



17.4876, 22.4448, 44.4589



1.2707, 1.6728, 3.1012

Previews

White Background



This preview shows how the XYZ color 44.5204, 37.9820, 25.7537 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 44.5204, 37.9820, 25.7537 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 ✓ Pass

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

XYZ 44.5204, 37.9820, 25.7537

Background



This preview shows how black text looks on a background with the XYZ color 44.5204, 37.9820, 25.7537.



This preview shows how white text looks on a background with the XYZ color 44.5204, 37.9820,

25.7537.

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

44.5204, 37.9820, 25.7537

Protanopia

35.9029, 38.2214, 29.5299

Deuteranopia

38.7346, 37.9307, 25.3585



Tritanopia

46.3957, 37.8253, 35.4275

Trichromacy



Original Color

44.5204, 37.9820, 25.7537

Protanomaly

38.5095, 37.7520, 28.1789

Deuteranomaly

40.7945, 37.9803, 25.6029

Tritanomaly

45.5155, 37.6788, 31.6619

Monochromacy



Original Color

44.5204, 37.9820, 25.7537

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.8141, 38.0063, 35.4272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5204, 37.9820, 25.7537 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, 147, 129)` looks like.

```
.text, #text, p{  
    color:rgb(222, 147, 129)  
}
```

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, 147, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 147, 129) }
```

Border

The CSS property to change the border of an element to XYZ 44.5204, 37.9820, 25.7537 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, 147, 129) }
```


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

```
.border{ border-color:rgb(222, 147, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 147, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 147, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 147, 129);  
box-shadow:4px 4px 4px 4px rgb(222, 147,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5204, 37.9820, 25.7537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 147, 129) }
```

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

```
.background{ background-color: rgb(222,  
147, 129) }
```

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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