

Converting Colors

XYZ(43.3566, 37.4090, 25.8445)

Have a look what the booklet for
XYZ(43.3566, 37.4090, 25.8445)
contains.

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Color

**XYZ(43.3096, 37.3578,
25.6970)**

Conversions

Conversions Part 1

Format	Color
Hex	DA9381
RGB	218, 147, 129
RGB Percent	85%, 58%, 51%
CMY	0.1451, 0.4235, 0.4941
CMYK	0.00, 0.33, 0.41, 0.15
HSL	12°, 55%, 68%
HSV	12°, 41%, 85%
XYZ	43.3096, 37.3578, 25.6970
YIQ	166.1770, 48.0940, 9.4540

Conversions

Conversions Part 2

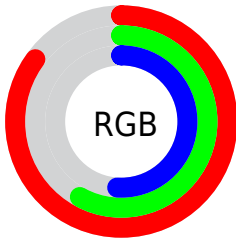
Format	Color
R_{YB}	218, 152, 129
Decimal	14324609
CIE _{Lab}	67.54, 24.65, 20.45
CIE _{LCh}	68, 32.026, 39.675
Yxy	37.3578, 0.4072, 0.3512
Android (android.graphics.Color)	4292514689 (0xFFDA9381)
YUV	166.1770, -18.3283, 45.4488
Hunter-Lab	61.1210, 19.5211, 17.8575

Details

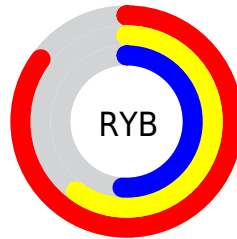
The XYZ color **43.3096, 37.3578, 25.6970** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.3616, 51.0357, 73.9478**, and the grayscale version is **36.4015, 38.2972, 41.7057**.

A 20% lighter version of the original color is **70.5701, 66.4107, 53.3551**, and **20.3288, 16.5220, 9.7070** is the 20% darker color. If you saturate the color by 10%, you get **39.5095, 31.8344, 18.0278**, and if you desaturate by 10%, it is **47.8296, 43.8260, 35.1320**.

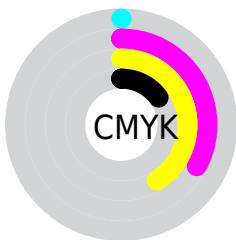
Distribution



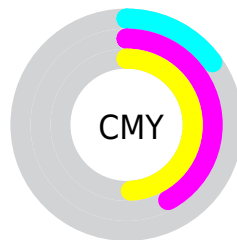
- Red (85%)
- Green (58%)
- Blue (51%)



- Red (85%)
- Yellow (60%)
- Blue (51%)



- Cyan (0%)
- Magenta (33%)
- Yellow (41%)
- Black (15%)





- Cyan (15%)
- Magenta (42%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3096, 37.3578, 25.6970 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 43.3096, 37.3578, 25.6970 by changing the saturation by 10% instead.


 43.3096, 37.3578,
25.6970


 43.3096, 37.3578,
25.6970

350.7834,
334.8570, 294.8495


 30.3237, 25.4846,
16.3734


 79.4307, 71.1227,
53.7638

 20.2337, 16.4385,
9.6315


 103.2965, 93.7833,
73.3440

 12.6743, 9.8350,
5.0530


 131.5197,
120.8085, 97.1802

 7.2801, 5.2897,
2.2191

164.4656,
152.5826, 125.6909

 3.6858, 2.4182,
0.6853

202.4996,
189.4902, 159.2947

 1.5259, 0.8352,
0.0000

245.9870,

 0.3434, 0.0000,

231.9155, 198.4100

0.0000

295.2931,
280.2430, 243.4554

■ 0.0000, 0.0000,
0.0000

■ 43.3096, 37.3578,
25.6970

■ 43.3096, 37.3578,
25.6970

■ 39.5095, 31.8344,
18.0278

■ 47.8296, 43.8260,
35.1320

■ 36.3882, 27.2059,
12.0116

■ 53.1017, 51.2752,
46.4315

■ 33.9050, 23.4260,
7.5259

■ 59.1599, 59.7461,
59.6896

■ 32.0130, 20.4416,
4.4302

■ 66.0350, 69.2755,
74.9933

■ 30.6585, 18.1935,
2.5577

■ 73.7562, 79.8985,
92.4245

■ 29.8179, 16.7143,
1.6546

■ 81.5684, 91.3354,
107.9381

■ 82.7234, 93.6454,
108.3231

Harmonies

Analogous

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



45.6890, 37.3578, 36.2848



43.3096, 37.3578, 25.6970



38.9008, 37.3578, 20.1698

Triad

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



43.3096, 37.3578, 25.6970



27.3440, 37.3578, 31.9613



37.1235, 37.3578, 73.7124

Complementary

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



43.3096, 37.3578, 25.6970



42.3616, 51.0357, 73.9478

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.



32.3175, 37.3578, 71.7920



43.3096, 37.3578, 25.6970



26.9634, 37.3578, 45.4085

Square

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



43.3096, 37.3578, 25.6970



29.7961, 37.3578, 23.1634



28.7036, 37.3578, 60.5732



41.9056, 37.3578, 65.3364

Rectangle

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



43.3096, 37.3578, 25.6970



35.5612, 37.3578, 19.1302



28.7036, 37.3578, 60.5732



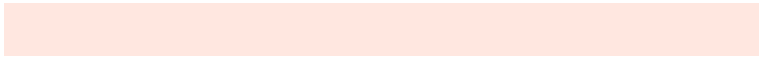
35.4538, 37.3578, 74.2868

Sweetspot

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



43.3106, 37.3596, 25.6977



83.2103, 83.5863, 82.5539



47.2126, 34.7858, 58.9923



17.5568, 17.5373, 17.1118



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.



43.3106, 37.3596, 25.6977



57.0485, 46.4248, 27.0908



51.5723, 53.8832, 28.4517



13.2683, 13.4760, 13.6274



17.9255, 10.1366, 1.0118



1.2230, 0.7801, 0.0861

Inverse Universe

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



42.3616, 51.0357, 73.9478



55.4833, 68.4092, 104.8878



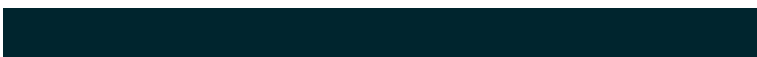
33.5467, 33.4058, 71.0095



13.2095, 14.3588, 16.7274



16.7162, 21.3019, 42.9690



1.1408, 1.4957, 2.8030

Previews

White Background



This preview shows how the XYZ color 43.3096, 37.3578, 25.6970 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 43.3096, 37.3578, 25.6970 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 43.3096, 37.3578, 25.6970

Background



This preview shows how black text looks on a background with the XYZ color 43.3096, 37.3578, 25.6970.



This preview shows how white text looks on a background with the XYZ color 43.3096, 37.3578,

25.6970.

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

43.3096, 37.3578, 25.6970

Protanopia

35.4260, 37.7151, 29.0795

Deuteranopia

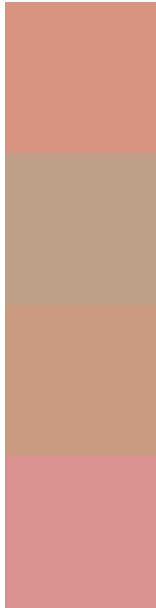
38.0499, 37.3235, 25.2774



Tritanopia

45.1704, 37.1937, 35.3702

Trichromacy



Original Color

43.3096, 37.3578, 25.6970

Protanomaly

37.7651, 37.1221, 27.7291

Deuteranomaly

39.8090, 37.2263, 25.5093

Tritanomaly

44.2975, 37.0509, 31.6049

Monochromacy



Original Color

43.3096, 37.3578, 25.6970

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

38.1555, 37.4105, 35.3469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3096, 37.3578, 25.6970 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(218, 147, 129)` looks like.

```
.text, #text, p{  
    color:rgb(218, 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(218, 147, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 147, 129) }
```

Border

The CSS property to change the border of an element to XYZ 43.3096, 37.3578, 25.6970 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(218, 147, 129) }
```


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

```
.border{ border-color:rgb(218, 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(218, 147, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 147, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 147, 129);  
box-shadow:4px 4px 4px 4px rgb(218, 147,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3096, 37.3578, 25.6970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 147, 129) }
```

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

```
.background{ background-color: rgb(218,  
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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