

Converting Colors

XYZ(37.4170, 30.4025, 17.7522)

Have a look what the booklet for
XYZ(37.4170, 30.4025, 17.7522)
contains.

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Color

**XYZ(37.5244, 30.4969,
17.8187)**

Conversions

Conversions Part 1

Format	Color
Hex	D4806B
RGB	212, 128, 107
RGB Percent	83%, 50%, 42%
CMY	0.1686, 0.4980, 0.5804
CMYK	0.00, 0.40, 0.50, 0.17
HSL	12°, 55%, 63%
HSV	12°, 50%, 83%
XYZ	37.5244, 30.4969, 17.8187
YIQ	150.7220, 56.8050, 11.2770

Conversions

Conversions Part 2

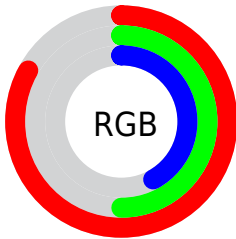
Format	Color
R _Y B	212, 133, 107
Decimal	13926507
CIE Lab	62.08, 30.24, 25.23
CIE LCh	62, 39.384, 39.830
Yxy	30.4969, 0.4371, 0.3553
Android (android.graphics.Color)	4292116587 (0xFFD4806B)
YUV	150.7220, -21.5549, 53.7408
Hunter-Lab	55.2240, 24.6478, 19.5262

Details

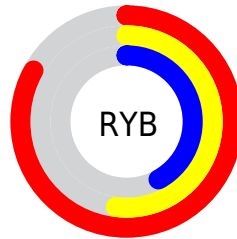
The XYZ color **37.5244, 30.4969, 17.8187** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **36.5770, 45.1389, 69.0721**, and the grayscale version is **29.3695, 30.8990, 33.6490**.

A 20% lighter version of the original color is **64.2260, 57.2191, 40.4602**, and **16.7697, 12.4935, 5.6653** is the 20% darker color. If you saturate the color by 10%, you get **34.5126, 26.0448, 11.9703**, and if you desaturate by 10%, it is **41.1809, 35.8009, 25.2314**.

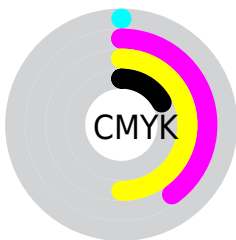
Distribution



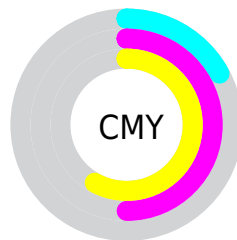
- Red (83%)
- Green (50%)
- Blue (42%)



- Red (83%)
- Yellow (52%)
- Blue (42%)



- Cyan (0%)
- Magenta (40%)
- Yellow (50%)
- Black (17%)





- Cyan (17%)
- Magenta (50%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.5244, 30.4969, 17.8187 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 37.5244, 30.4969, 17.8187 by changing the saturation by 10% instead.


 37.5244, 30.4969,
17.8187


 37.5244, 30.4969,
17.8187


326.8916,
304.2138, 252.0489


 25.7893, 20.2161,
10.6518


 70.6872, 60.4471,
40.5379


 16.7979, 12.5522,
5.7220


 92.8456, 80.8853,
56.9273

 10.1849, 7.1209,
2.6107


 119.2092,
105.4780, 77.2280

 5.5850, 3.5378,
0.8980

 150.1432,
134.6097, 101.8584

 2.6326, 1.4186,
0.0000

186.0131,
168.6647, 131.2372

 0.9626, 0.2303,
0.0000

227.1843,

 0.0000, 0.0000,

208.0275, 165.7828

0.0000

274.0220,
253.0824, 205.9139

■ 37.5244, 30.4969,
17.8187

■ 37.5244, 30.4969,
17.8187

■ 34.5126, 26.0448,
11.9703

■ 41.1809, 35.8009,
25.2314

■ 32.1045, 22.3951,
7.5713

■ 45.5151, 41.9936,
34.3087

■ 30.2577, 19.5002,
4.4935


■ 50.5607, 49.1154,
45.1445


■ 28.9229, 17.3053,
2.5851


■ 56.3480, 57.2025,
57.8251


■ 28.0284, 15.7423,
1.5901

■ 62.9059, 66.2896,
72.4313

 27.9939, 15.6822,
1.5515

 70.2616, 76.4092,
89.0388

 78.3762, 87.5667,
107.3789

 80.9613, 92.7370,
108.2407

Harmonies

Analogous

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



40.2136, 30.4969, 28.4750



37.5244, 30.4969, 17.8187



32.6387, 30.4969, 12.6745

Triad

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



37.5244, 30.4969, 17.8187



20.4453, 30.4969, 24.1366



30.7586, 30.4969, 70.9943

Complementary

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



37.5244, 30.4969, 17.8187



36.5770, 45.1389, 69.0721

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.



25.6172, 30.4969, 68.7619



37.5244, 30.4969, 17.8187



20.0714, 30.4969, 38.4339

Square

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



37.5244, 30.4969, 17.8187



22.9449, 30.4969, 15.4769



21.8529, 30.4969, 55.5887



36.0049, 30.4969, 60.9914

Rectangle

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



37.5244, 30.4969, 17.8187



29.0167, 30.4969, 11.7572



21.8529, 30.4969, 55.5887



28.9561, 30.4969, 71.7064

Sweetspot

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



37.5252, 30.4984, 17.8193



80.4956, 79.7843, 76.6326



41.8131, 28.2743, 52.5440



16.8375, 16.5286, 15.5466



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.



37.5252, 30.4984, 17.8193



52.3815, 39.5003, 18.1072



46.2277, 47.9034, 20.7201



12.6224, 12.8191, 12.9698



17.3391, 9.7953, 0.9768



1.1051, 0.7094, 0.0787

Inverse Universe

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



36.5770, 45.1389, 69.0721



50.7220, 63.9941, 104.2865



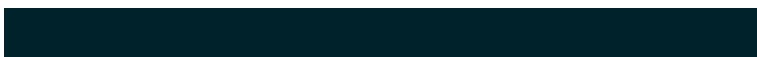
27.1077, 26.2003, 65.9157



12.5714, 13.6661, 15.9128



16.2355, 20.7328, 41.5993



1.0341, 1.3602, 2.5274

Previews

White Background



This preview shows how the XYZ color 37.5244, 30.4969, 17.8187 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 37.5244, 30.4969, 17.8187 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 37.5244, 30.4969, 17.8187

Background



This preview shows how black text looks on a background with the XYZ color 37.5244, 30.4969, 17.8187.



This preview shows how white text looks on a background with the XYZ color 37.5244, 30.4969,

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

37.5244, 30.4969, 17.8187

Protanopia

28.6144, 30.5706, 21.2222

Deuteranopia

31.2943, 30.6493, 17.3632



Tritanopia

39.1728, 30.4049, 25.9944

Trichromacy



Original Color

37.5244, 30.4969, 17.8187

Protanomaly

31.2440, 30.1220, 19.7902

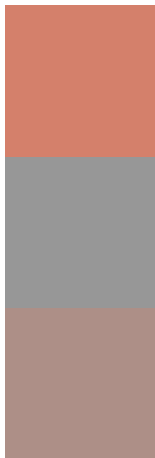
Deuteranomaly

33.3765, 30.4033, 17.4739

Tritanomaly

38.4123, 30.2686, 22.8867

Monochromacy



Original Color

37.5244, 30.4969, 17.8187

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

31.4292, 30.2784, 27.1095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5244, 30.4969, 17.8187 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(212, 128, 107)` looks like.

```
.text, #text, p{  
    color:rgb(212, 128, 107)  
}
```

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(212, 128, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 128, 107) }
```

Border

The CSS property to change the border of an element to XYZ 37.5244, 30.4969, 17.8187 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(212, 128, 107) }
```


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

```
.border{ border-color:rgb(212, 128, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 128, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 128, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 128, 107);  
box-shadow:4px 4px 4px 4px rgb(212, 128,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5244, 30.4969, 17.8187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 128, 107) }
```

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

```
.background{ background-color: rgb(212,  
128, 107) }
```

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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