

Converting Colors

XYZ(40.6726, 37.8955, 17.8581)

Have a look what the booklet for
XYZ(40.6726, 37.8955, 17.8581)
contains.

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Color

**XYZ(40.5322, 37.7721,
17.7248)**

Conversions

Conversions Part 1

Format	Color
Hex	D29A66
RGB	210, 154, 102
RGB Percent	82%, 60%, 40%
CMY	0.1765, 0.3961, 0.6000
CMYK	0.00, 0.27, 0.51, 0.18
HSL	29°, 55%, 61%
HSV	29°, 51%, 82%
XYZ	40.5322, 37.7721, 17.7248
YIQ	164.8160, 50.0680, -4.3000

Conversions

Conversions Part 2

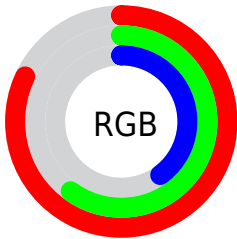
Format	Color
R _Y B	210, 202, 102
Decimal	13802086
CIE Lab	67.85, 14.92, 35.37
CIE LCh	68, 38.386, 67.133
Yxy	37.7721, 0.4221, 0.3933
Android (android.graphics.Color)	4291992166 (0xFFD29A66)
YUV	164.8160, -30.9683, 39.6264
Hunter-Lab	61.4590, 10.1674, 25.9221

Details

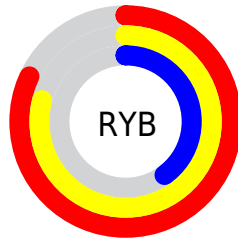
The XYZ color **40.5322, 37.7721, 17.7248** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.3386, 31.9303, 65.5894**, and the grayscale version is **35.8037, 37.6682, 41.0207**.

A 20% lighter version of the original color is **69.6286, 68.7048, 40.1634**, and **18.6530, 16.7391, 5.7379** is the 20% darker color. If you saturate the color by 10%, you get **37.9036, 33.9759, 12.3452**, and if you desaturate by 10%, it is **43.5894, 42.0035, 24.5495**.

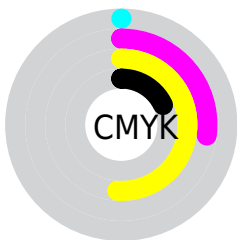
Distribution



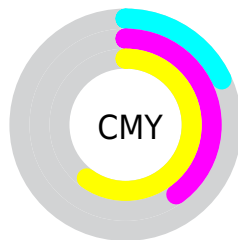
- Red (82%)
- Green (60%)
- Blue (40%)



- Red (82%)
- Yellow (79%)
- Blue (40%)



- Cyan (0%)
- Magenta (27%)
- Yellow (51%)
- Black (18%)



- Cyan (18%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5322, 37.7721, 17.7248 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 40.5322, 37.7721, 17.7248 by changing the saturation by 10% instead.

40.5322, 37.7721,
17.7248

40.5322, 37.7721,
17.7248

339.4577,
336.6413, 251.4991

28.1398, 25.8059,
10.5852

75.2524, 71.7587,
40.3754

18.5721, 16.6785,
5.6780

98.3110, 94.5478,
56.7235

11.4636, 10.0055,
2.5847

125.6556,
121.7134, 76.9782

6.4492, 5.4026,
0.8845

157.6517,
153.6398, 101.5580

3.1633, 2.4854,
0.0000

194.6646,
190.7114, 130.8814

1.2407, 0.8693,
0.0000

237.0597,

0.1382, 0.0000,

233.3125, 165.3670

0.0000

285.2023,
281.8277, 205.4334

■ 0.0000, 0.0000,
0.0000

■ 40.5322, 37.7721,
17.7248

■ 40.5322, 37.7721,
17.7248

■ 37.9036, 33.9759,
12.3452

■ 43.5894, 42.0035,
24.5495

■ 35.6764, 30.5927,
8.2998

■ 47.0949, 46.6802,
32.9142

■ 33.8235, 27.6060,
5.4654

■ 51.0702, 51.8187,
42.9083

■ 32.3125, 24.9953,
3.6939

■ 55.5344, 57.4329,
54.6138

■ 31.2436, 23.0323,
2.7990

■ 60.5055, 63.5358,
68.1070

■ 66.0006, 70.1401,
83.4596

■ 72.0357, 77.2580,
100.7392

■ 76.1158, 83.8967,
106.7897

■ 79.4377, 90.5405,
107.8970

Harmonies

Analogous

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



45.8145, 37.7721, 24.3518



40.5322, 37.7721, 17.7248



34.4995, 37.7721, 16.4332

Triad

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



40.5322, 37.7721, 17.7248



25.7052, 37.7721, 45.3309



43.2586, 37.7721, 73.1630

Complementary

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



40.5322, 37.7721, 17.7248



29.3386, 31.9303, 65.5894

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.



37.3405, 37.7721, 82.9496



40.5322, 37.7721, 17.7248



27.5323, 37.7721, 64.2425

Square

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



40.5322, 37.7721, 17.7248



26.3593, 37.7721, 29.6656



31.6372, 37.7721, 79.2994



47.5061, 37.7721, 55.2161

Rectangle

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



40.5322, 37.7721, 17.7248



30.9331, 37.7721, 18.3194



31.6372, 37.7721, 79.2994



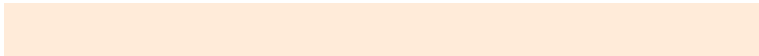
41.3747, 37.7721, 77.7134

Sweetspot

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



40.5331, 37.7739, 17.7255



83.4884, 85.7699, 77.6302



37.6401, 25.7287, 36.0571



17.5533, 17.9602, 15.7852



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.



40.5331, 37.7739, 17.7255



58.3422, 52.0196, 18.2506



51.1443, 58.9963, 21.2626



12.2717, 12.7341, 12.4232



19.1579, 14.2487, 1.7405



1.1505, 0.9552, 0.1237

Inverse Universe

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



29.3386, 31.9303, 65.5894



39.0633, 41.9443, 100.6449



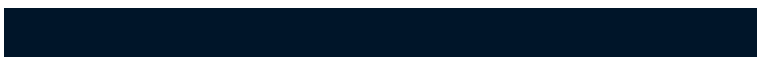
22.2255, 17.7041, 63.2184



11.6634, 12.4171, 15.0257



10.5251, 9.6968, 38.5094



0.6678, 0.7007, 2.1796

Previews

White Background



This preview shows how the XYZ color 40.5322, 37.7721, 17.7248 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 40.5322, 37.7721, 17.7248 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 40.5322, 37.7721, 17.7248

Background



This preview shows how black text looks on a background with the XYZ color 40.5322, 37.7721, 17.7248.



This preview shows how white text looks on a background with the XYZ color 40.5322, 37.7721,

17.7248.

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

40.5322, 37.7721, 17.7248

Protanopia

35.0601, 38.0163, 19.1257

Deuteranopia

38.6632, 37.8108, 17.5724



Tritanopia

44.6296, 37.7831, 37.2884

Trichromacy



Original Color

40.5322, 37.7721, 17.7248

Protanomaly

36.9560, 37.9369, 18.7394

Deuteranomaly

39.3078, 37.8909, 17.5538

Tritanomaly

42.9344, 37.7938, 29.0768

Monochromacy



Original Color

40.5322, 37.7721, 17.7248

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.6834, 37.2665, 30.8509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5322, 37.7721, 17.7248 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(210, 154, 102)` looks like.

```
.text, #text, p{  
    color:rgb(210, 154, 102)  
}
```

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(210, 154, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 154, 102) }
```

Border

The CSS property to change the border of an element to XYZ 40.5322, 37.7721, 17.7248 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(210, 154, 102) }
```


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

```
.border{ border-color:rgb(210, 154, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 154, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 154, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 154, 102);  
box-shadow:4px 4px 4px 4px rgb(210, 154,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5322, 37.7721, 17.7248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 154, 102) }
```

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

```
.background{ background-color: rgb(210,  
154, 102) }
```

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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