

Converting Colors

XYZ(41.7317, 38.7191, 25.3527)

Have a look what the booklet for
XYZ(41.7317, 38.7191, 25.3527)
contains.

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Color

**XYZ(41.7317, 38.7191,
25.3527)**

Conversions

Conversions Part 1

Format	Color
Hex	D09C7F
RGB	208, 156, 127
RGB Percent	82%, 61%, 50%
CMY	0.1843, 0.3882, 0.5020
CMYK	0.00, 0.25, 0.39, 0.18
HSL	21°, 46%, 66%
HSV	21°, 39%, 82%
XYZ	41.7317, 38.7191, 25.3527
YIQ	168.2420, 40.3010, 2.0050

Conversions

Conversions Part 2

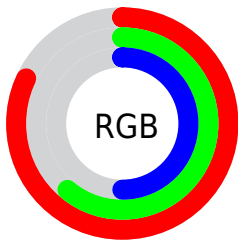
Format	Color
R _Y B	208, 172, 127
Decimal	13671551
CIE Lab	68.55, 15.60, 22.73
CIE LCh	69, 27.567, 55.542
Yxy	38.7191, 0.3944, 0.3660
Android (android.graphics.Color)	4291861631 (0xFFD09C7F)
YUV	168.2420, -20.3323, 34.8678
Hunter-Lab	62.2247, 10.8199, 19.4003

Details

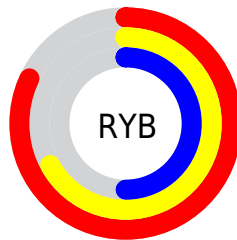
The XYZ color **41.7317, 38.7191, 25.3527** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.2572, 41.3050, 65.7364**, and the grayscale version is **37.4221, 39.3710, 42.8750**.

A 20% lighter version of the original color is **72.7725, 71.1438, 53.0766**, and **19.3756, 17.3286, 9.5313** is the 20% darker color. If you saturate the color by 10%, you get **38.3950, 33.9957, 18.2288**, and if you desaturate by 10%, it is **45.5966, 44.0508, 34.0341**.

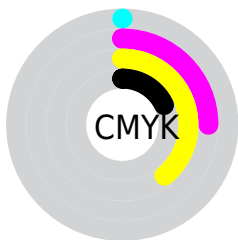
Distribution



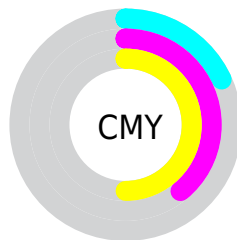
- Red (82%)
- Green (61%)
- Blue (50%)



- Red (82%)
- Yellow (67%)
- Blue (50%)



- Cyan (0%)
- Magenta (25%)
- Yellow (39%)
- Black (18%)





- Cyan (18%)
- Magenta (39%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.7317, 38.7191, 25.3527 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 41.7317, 38.7191, 25.3527 by changing the saturation by 10% instead.


 41.7317, 38.7191,
25.3527


 41.7317, 38.7191,
25.3527


344.3801,
340.6947, 293.0936


 29.0815, 26.5413,
16.1186


 77.0611, 73.2090,
53.2000

 19.2870, 17.2290,
9.4529


 100.4710, 96.2899,
72.6504

 11.9831, 10.3979,
4.9369


 128.1981,
123.7739, 96.3432

 6.8043, 5.6636,
2.1522

160.6079,
156.0454, 124.6970

 3.3852, 2.6416,
0.6466

198.0656,
193.4889, 158.1304

 1.3606, 0.9476,
0.0000

240.9366,

 0.2279, 0.0000,

236.4886, 197.0620

0.0000

289.5864,
285.4291, 241.9102

■ 0.0000, 0.0000,
0.0000

■ 41.7317, 38.7191,
25.3527

■ 41.7317, 38.7191,
25.3527

■ 38.3950, 33.9957,
18.2288

■ 45.5966, 44.0508,
34.0341

■ 35.5582, 29.8522,
12.5661

■ 50.0101, 50.0067,
44.3567

■ 33.1946, 26.2660,
8.2610

■ 54.9952, 56.6090,
56.4010

■ 31.2737, 23.2108,
5.1952

■ 60.5725, 63.8771,
70.2414

■ 29.7600, 20.6574,
3.2294

■ 66.7615, 71.8295,
85.9482

■ 28.6016, 18.5689,
2.1399

■ 73.5810, 80.4841,
103.5875

■ 28.4934, 18.3718,
2.0443

■ 78.0834, 88.6718,
107.6077

■ 79.8225, 92.1499,
108.1874

Harmonies

Analogous

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



44.8625, 38.7191, 32.6640



41.7317, 38.7191, 25.3527



37.4543, 38.7191, 22.5264

Triad

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



41.7317, 38.7191, 25.3527



29.0874, 38.7191, 40.3266



40.5209, 38.7191, 67.6303

Complementary

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



41.7317, 38.7191, 25.3527



36.2572, 41.3050, 65.7364

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.



36.1560, 38.7191, 70.7821



41.7317, 38.7191, 25.3527



29.7687, 38.7191, 53.3348

Square

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



41.7317, 38.7191, 25.3527



30.3359, 38.7191, 30.0221



32.2755, 38.7191, 65.1145



44.1258, 38.7191, 57.1909

Rectangle

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



41.7317, 38.7191, 25.3527



34.6087, 38.7191, 23.0588



32.2755, 38.7191, 65.1145



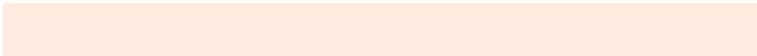
39.0847, 38.7191, 69.6549

Sweetspot

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



41.7327, 38.7209, 25.3535



84.5596, 86.2849, 83.0037



41.8047, 31.8701, 46.9418



17.8727, 18.1691, 17.2171



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.



41.7327, 38.7209, 25.3535



61.5572, 54.8804, 30.3256



49.5496, 54.3547, 27.9591



12.1502, 12.4911, 12.3827



17.8421, 11.6173, 1.3020



1.0719, 0.7980, 0.0975

Inverse Universe

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



36.2572, 41.3050, 65.7364



51.6304, 59.5126, 103.3736



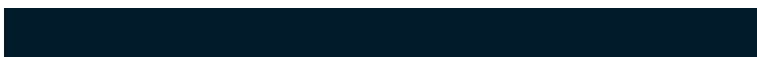
29.3923, 27.5753, 63.4481



11.7875, 12.6652, 15.0670



12.4622, 13.5710, 39.1551



0.7704, 0.9060, 2.2138

Previews

White Background



This preview shows how the XYZ color 41.7317, 38.7191, 25.3527 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 41.7317, 38.7191, 25.3527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

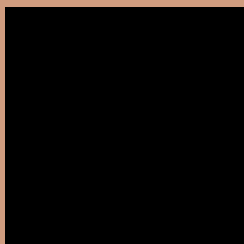
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7317, 38.7191, 25.3527

Background



This preview shows how black text looks on a background with the XYZ color 41.7317, 38.7191, 25.3527.



This preview shows how white text looks on a background with the XYZ color 41.7317, 38.7191,

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

41.7317, 38.7191, 25.3527

Protanopia

36.3437, 38.7684, 27.3973

Deuteranopia

39.5367, 38.8664, 25.1568



Tritanopia

44.5414, 38.6264, 39.7584

Trichromacy



Original Color

41.7317, 38.7191, 25.3527

Protanomaly

38.1127, 38.6249, 26.5657

Deuteranomaly

40.2514, 38.7201, 25.0909

Tritanomaly

43.4746, 38.6861, 34.0300

Monochromacy



Original Color

41.7317, 38.7191, 25.3527

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.5537, 38.9181, 35.6169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7317, 38.7191, 25.3527 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(208, 156, 127)` looks like.

```
.text, #text, p{  
    color:rgb(208, 156, 127)  
}
```

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(208, 156, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 156, 127) }
```

Border

The CSS property to change the border of an element to XYZ 41.7317, 38.7191, 25.3527 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(208, 156, 127) }
```


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

```
.border{ border-color:rgb(208, 156, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 156, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 156, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 156, 127);  
box-shadow:4px 4px 4px 4px rgb(208, 156,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7317, 38.7191, 25.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 156, 127) }
```

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

```
.background{ background-color: rgb(208,  
156, 127) }
```

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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