

Converting Colors

XYZ(41.3249, 38.1500, 15.8941)

Have a look what the booklet for
XYZ(41.3249, 38.1500, 15.8941)
contains.

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Color

**XYZ(41.3527, 38.2336,
16.0268)**

Conversions

Conversions Part 1

Format	Color
Hex	D69A5F
RGB	214, 154, 95
RGB Percent	84%, 60%, 37%
CMY	0.1608, 0.3961, 0.6274
CMYK	0.00, 0.28, 0.56, 0.16
HSL	30°, 59%, 61%
HSV	30°, 56%, 84%
XYZ	41.3527, 38.2336, 16.0268
YIQ	165.2140, 54.6990, -5.6290

Conversions

Conversions Part 2

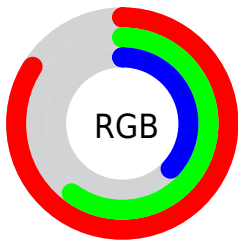
Format	Color
R_{YB}	214, 212, 95
Decimal	14064223
CIE _{Lab}	68.19, 15.97, 39.56
CIE _{LCh}	68, 42.664, 68.013
Yxy	38.2336, 0.4325, 0.3999
Android (android.graphics.Color)	4292254303 (0xFFD69A5F)
YUV	165.2140, -34.6155, 42.7853
Hunter-Lab	61.8333, 11.1684, 27.9157

Details

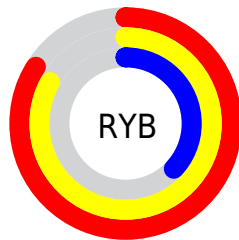
The XYZ color **41.3527, 38.2336, 16.0268** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **28.5776, 30.7292, 68.0431**, and the grayscale version is **36.0104, 37.8858, 41.2576**.

A 20% lighter version of the original color is **69.0623, 68.4783, 37.1814**, and **19.0537, 16.9657, 4.8552** is the 20% darker color. If you saturate the color by 10%, you get **38.8091, 34.4953, 11.0213**, and if you desaturate by 10%, it is **44.3254, 42.4027, 22.4942**.

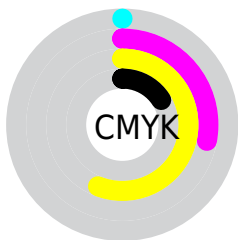
Distribution



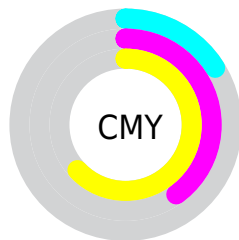
- Red (84%)
- Green (60%)
- Blue (37%)



- Red (84%)
- Yellow (83%)
- Blue (37%)



- Cyan (0%)
- Magenta (28%)
- Yellow (56%)
- Black (16%)




- Cyan (16%)
- Magenta (40%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3527, 38.2336, 16.0268 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 41.3527, 38.2336, 16.0268 by changing the saturation by 10% instead.


 41.3527, 38.2336,
16.0268


 41.3527, 38.2336,
16.0268


342.8300,
338.6210, 241.3509


 28.7837, 26.1640,
9.3886


 76.4903, 72.4660,
37.4122

 19.0607, 16.9464,
4.8952


 99.7897, 95.3977,
52.9964

 11.8184, 10.1963,
2.1283


 127.3965,
122.7189, 72.3996

 6.6915, 5.5293,
0.6325

 159.6761,
154.8140, 96.0405

 3.3145, 2.5610,
0.0000

196.9939,
192.0673, 124.3375

 1.3222, 0.9071,
0.0000

239.7153,

 0.1997, 0.0000,

234.8633, 157.7093

0.0000

288.2055,
283.5864, 196.5742

■ 0.0000, 0.0000,
0.0000

■ 41.3527, 38.2336,
16.0268

■ 41.3527, 38.2336,
16.0268

■ 38.8091, 34.4953,
11.0213

■ 44.3254, 42.4027,
22.4942

■ 36.6652, 31.1647,
7.3556

■ 47.7483, 47.0130,
30.5274

■ 34.8914, 28.2246,
4.8916

■ 51.6445, 52.0814,
40.2235

■ 33.4510, 25.6529,
3.4584

■ 56.0340, 57.6219,
51.6709

■ 32.8968, 24.6268,
3.0196

■ 60.9361, 63.6481,
64.9518

■ 66.3685, 70.1727,
80.1429

■ 72.3483, 77.2081,
97.3169

■ 77.0350, 84.0233,
106.7657

■ 80.3118, 90.5769,
107.8579

Harmonies

Analogous

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



47.4020, 38.2336, 22.8694



41.3527, 38.2336, 16.0268



34.5824, 38.2336, 14.8345

Triad

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



41.3527, 38.2336, 16.0268



25.0685, 38.2336, 46.9592



44.8182, 38.2336, 77.7631

Complementary

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



41.3527, 38.2336, 16.0268



28.5776, 30.7292, 68.0431

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.



38.1560, 38.2336, 89.5824



41.3527, 38.2336, 16.0268



27.1484, 38.2336, 68.5734

Square

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



41.3527, 38.2336, 16.0268



25.7038, 38.2336, 29.3441



31.7495, 38.2336, 85.7850



49.5671, 38.2336, 56.9401

Rectangle

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



41.3527, 38.2336, 16.0268



30.6465, 38.2336, 16.9054



31.7495, 38.2336, 85.7850



42.6981, 38.2336, 83.1712

Sweetspot

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



41.3536, 38.2355, 16.0275



82.2595, 84.3557, 74.0029



37.8656, 24.8975, 34.4778



17.3155, 17.6903, 15.0723



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.



41.3536, 38.2355, 16.0275



57.0089, 50.2281, 15.1086



53.3445, 62.2173, 20.0245



12.9267, 13.4277, 13.0712



19.9880, 15.0933, 1.8598



1.2883, 1.0759, 0.1398

Inverse Universe

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



28.5776, 30.7292, 68.0431



36.1479, 37.9683, 100.0312



21.1304, 15.8347, 65.5606



12.2548, 13.0331, 15.8073



10.6750, 9.6118, 39.7458



0.7266, 0.7453, 2.4249

Previews

White Background



This preview shows how the XYZ color 41.3527, 38.2336, 16.0268 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 41.3527, 38.2336, 16.0268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

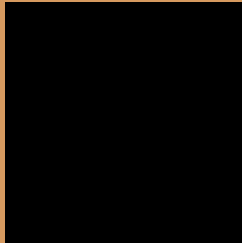
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3527, 38.2336, 16.0268

Background



This preview shows how black text looks on a background with the XYZ color 41.3527, 38.2336, 16.0268.



This preview shows how white text looks on a background with the XYZ color 41.3527, 38.2336,

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

41.3527, 38.2336, 16.0268

Protanopia

35.4104, 38.5026, 17.6220

Deuteranopia

39.0471, 38.3009, 15.9245



Tritanopia

45.6639, 38.0865, 37.2924

Trichromacy



Original Color

41.3527, 38.2336, 16.0268

Protanomaly

37.3731, 38.1918, 16.9573

Deuteranomaly

39.8095, 38.1875, 15.8624

Tritanomaly

43.7359, 37.9959, 27.9505

Monochromacy



Original Color

41.3527, 38.2336, 16.0268

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.0069, 37.4505, 30.0891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3527, 38.2336, 16.0268 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(214, 154, 95)` looks like.

```
.text, #text, p{  
    color:rgb(214, 154, 95)  
}
```

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(214, 154, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 154, 95) }
```

Border

The CSS property to change the border of an element to XYZ 41.3527, 38.2336, 16.0268 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(214, 154, 95) }
```


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

```
.border{ border-color:rgb(214, 154, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 154, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 154, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 154, 95);  
box-shadow:4px 4px 4px 4px rgb(214, 154,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3527, 38.2336, 16.0268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 154, 95) }
```

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

```
.background{ background-color: rgb(214,  
154, 95) }
```

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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