

Converting Colors

XYZ(38.0870, 35.2704, 16.2897)

Have a look what the booklet for
XYZ(38.0870, 35.2704, 16.2897)
contains.

XYZ(38.1289, 35.3559, 16.3700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.1289, 35.3559,
16.3700)**

Conversions

Conversions Part 1

Format	Color
Hex	CD9562
RGB	205, 149, 98
RGB Percent	80%, 58%, 38%
CMY	0.1961, 0.4157, 0.6157
CMYK	0.00, 0.27, 0.52, 0.20
HSL	29°, 52%, 59%
HSV	29°, 52%, 80%
XYZ	38.1289, 35.3559, 16.3700
YIQ	159.9300, 49.7470, -3.9890

Conversions

Conversions Part 2

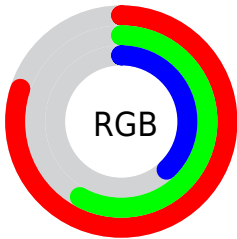
Format	Color
R_{YB}	205, 195, 98
Decimal	13473122
CIE _{Lab}	66.02, 15.20, 35.07
CIE _{LCh}	66, 38.228, 66.566
Yxy	35.3559, 0.4243, 0.3935
Android (android.graphics.Color)	4291663202 (0xFFCD9562)
YUV	159.9300, -30.5315, 39.5264
Hunter-Lab	59.4608, 10.4056, 25.2996

Details

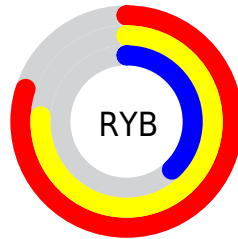
The XYZ color **38.1289, 35.3559, 16.3700** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.6114, 30.1143, 62.1148**, and the grayscale version is **33.5024, 35.2471, 38.3841**.

A 20% lighter version of the original color is **68.1010, 66.1739, 38.0377**, and **17.1561, 15.2616, 5.0592** is the 20% darker color. If you saturate the color by 10%, you get **35.6624, 31.7787, 11.3687**, and if you desaturate by 10%, it is **41.0013, 39.3484, 22.7302**.

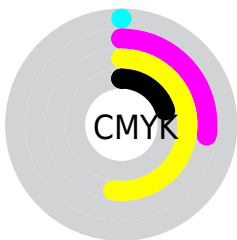
Distribution



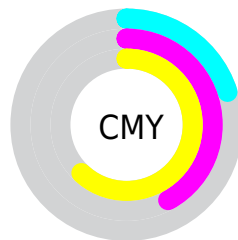
- Red (80%)
- Green (58%)
- Blue (38%)



- Red (80%)
- Yellow (76%)
- Blue (38%)



- Cyan (0%)
- Magenta (27%)
- Yellow (52%)
- Black (20%)





- Cyan (20%)
- Magenta (42%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.1289, 35.3559, 16.3700 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 38.1289, 35.3559, 16.3700 by changing the saturation by 10% instead.


 38.1289, 35.3559,
16.3700


 38.1289, 35.3559,
16.3700


329.4439,
326.1365, 243.4350


 26.2604, 23.9372,
9.6292


 71.6083, 68.0367,
38.0150


 17.1523, 15.2870,
5.0514


 93.9499, 90.0676,
53.7563

 10.4391, 9.0211,
2.2182


 120.5133,
116.4047, 73.3349

 5.7555, 4.7549,
0.6848

 151.6638,
147.4324, 97.1692

 2.7362, 2.1042,
0.0000

187.7667,
183.5350, 125.6778

 1.0159, 0.6670,
0.0000

229.1875,

 0.0000, 0.0000,

225.0969, 159.2793

0.0000

276.2914,
272.5026, 198.3922

■ 38.1289, 35.3559,
16.3700

■ 38.1289, 35.3559,
16.3700

■ 35.6624, 31.7787,
11.3687

■ 41.0013, 39.3484,
22.7302

■ 33.5759, 28.5956,
7.6210

■ 44.2985, 43.7660,
30.5396

■ 31.8434, 25.7906,
5.0093

■ 48.0408, 48.6246,
39.8829

■ 30.4340, 23.3439,
3.3920

■ 52.2467, 53.9375,
50.8380

■ 29.5182, 21.6621,
2.6254

■ 56.9331, 59.7174,
63.4772

■ 62.1164, 65.9763,
77.8683

■ 67.8119, 72.7259,
94.0756

■ 72.8863, 79.5182,
106.1148

■ 76.0481, 85.8418,
107.1687

Harmonies

Analogous

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



43.1420, 35.3559, 22.7327



38.1289, 35.3559, 16.3700



32.3737, 35.3559, 15.0659

Triad

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



38.1289, 35.3559, 16.3700



23.8973, 35.3559, 42.1776



40.5259, 35.3559, 69.4078

Complementary

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



38.1289, 35.3559, 16.3700



27.6114, 30.1143, 62.1148

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.



34.8666, 35.3559, 78.5838



38.1289, 35.3559, 16.3700



25.5880, 35.3559, 60.2504

Square

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



38.1289, 35.3559, 16.3700



24.5627, 35.3559, 27.3680



29.4534, 35.3559, 74.8311



44.6311, 35.3559, 52.2945

Rectangle

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



38.1289, 35.3559, 16.3700



28.9617, 35.3559, 16.7811



29.4534, 35.3559, 74.8311



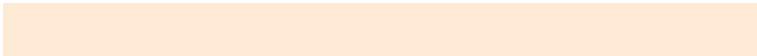
38.7192, 35.3559, 73.7137

Sweetspot

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



38.1298, 35.3576, 16.3707



82.7260, 84.7710, 75.7546



35.4666, 24.0835, 33.8192



17.3996, 17.7564, 15.4147



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.



38.1298, 35.3576, 16.3707



57.8256, 51.1734, 17.5019



48.3692, 55.8365, 19.7838



11.6461, 12.0811, 11.7975



18.4702, 13.6734, 1.6657



1.0287, 0.8570, 0.1112

Inverse Universe

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



27.6114, 30.1143, 62.1148



38.7064, 41.6268, 100.6025



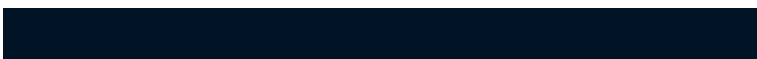
20.7656, 16.4226, 59.8328



11.0794, 11.7992, 14.2639



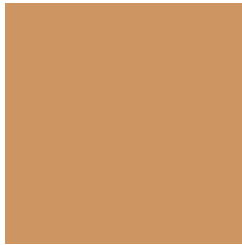
10.2472, 9.5184, 37.2534



0.6044, 0.6425, 1.9471

Previews

White Background



This preview shows how the XYZ color 38.1289, 35.3559, 16.3700 looks on a white background.

Color Contrast Check

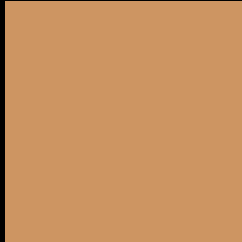
Large Text (above 18pt) WCAG AA × Fail

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 38.1289, 35.3559, 16.3700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

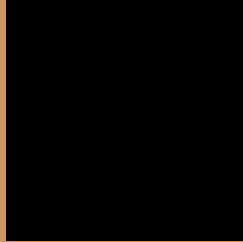
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.1289, 35.3559, 16.3700

Background



This preview shows how black text looks on a background with the XYZ color 38.1289, 35.3559, 16.3700.



This preview shows how white text looks on a background with the XYZ color 38.1289, 35.3559,

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

38.1289, 35.3559, 16.3700

Protanopia

32.8722, 35.5830, 17.9676

Deuteranopia

36.0546, 35.2476, 16.2125



Tritanopia

42.0011, 35.3475, 34.7461

Trichromacy



Original Color

38.1289, 35.3559, 16.3700

Protanomaly

34.6556, 35.4926, 17.3361

Deuteranomaly

36.9391, 35.4617, 16.2071

Tritanomaly

40.3715, 35.3541, 26.8865

Monochromacy



Original Color

38.1289, 35.3559, 16.3700

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.3083, 34.8132, 28.5783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1289, 35.3559, 16.3700 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(205, 149, 98)` looks like.

```
.text, #text, p{  
    color:rgb(205, 149, 98)  
}
```

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(205, 149, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 149, 98) }
```

Border

The CSS property to change the border of an element to XYZ 38.1289, 35.3559, 16.3700 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(205, 149, 98) }
```


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

```
.border{ border-color:rgb(205, 149, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 149, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 149, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 149, 98);  
box-shadow:4px 4px 4px 4px rgb(205, 149,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1289, 35.3559, 16.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 149, 98) }
```

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

```
.background{ background-color: rgb(205,  
149, 98) }
```

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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