

Converting Colors

XYZ(37.7028, 35.2539, 14.6805)

Have a look what the booklet for
XYZ(37.7028, 35.2539, 14.6805)
contains.

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Color

**XYZ(37.5376, 35.0876,
14.6917)**

Conversions

Conversions Part 1

Format	Color
Hex	CC955B
RGB	204, 149, 91
RGB Percent	80%, 58%, 36%
CMY	0.2000, 0.4157, 0.6431
CMYK	0.00, 0.27, 0.55, 0.20
HSL	31°, 53%, 58%
HSV	31°, 55%, 80%
XYZ	37.5376, 35.0876, 14.6917
YIQ	158.8330, 51.3980, -6.3780

Conversions

Conversions Part 2

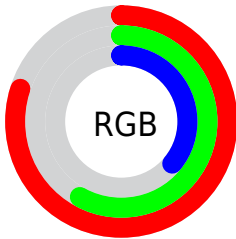
Format	Color
RYB	198, 204, 91
Decimal	13407579
CIELab	65.82, 14.18, 38.48
CIELCh	66, 41.013, 69.767
Yxy	35.0876, 0.4299, 0.4018
Android (android.graphics.Color)	4291597659 (0xFFCC955B)
YUV	158.8330, -33.4417, 39.6115
Hunter-Lab	59.2348, 9.4561, 26.7590

Details

The XYZ color **37.5376, 35.0876, 14.6917** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **25.4918, 27.1403, 61.0215**, and the grayscale version is **33.0106, 34.7298, 37.8207**.

A 20% lighter version of the original color is **67.4784, 65.9249, 34.7595**, and **16.8363, 15.1128, 4.3152** is the 20% darker color. If you saturate the color by 10%, you get **35.2701, 31.7748, 10.1687**, and if you desaturate by 10%, it is **40.1799, 38.7674, 20.5203**.

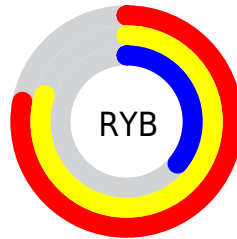
Distribution



Red (80%)

Green (58%)

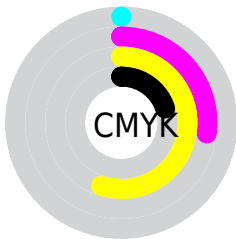
Blue (36%)



Red (78%)

Yellow (80%)

Blue (36%)

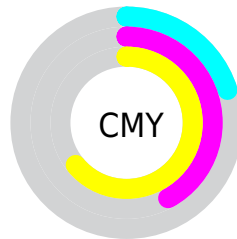


Cyan (0%)

Magenta (27%)

Yellow (55%)

Black (20%)



Cyan (20%)


Magenta (42%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.5376, 35.0876, 14.6917 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 37.5376, 35.0876, 14.6917 by changing the saturation by 10% instead.


 37.5376, 35.0876,
14.6917


 37.5376, 35.0876,
14.6917


326.9475,
324.9548, 233.0686


 25.7996, 23.7304,
8.4591


 70.7073, 67.6215,
35.0460

 16.8057, 15.1337,
4.2981


 92.8697, 89.5669,
50.0048

 10.1905, 8.9133,
1.7903

 119.2377,
115.8104, 68.7095

 5.5887, 4.6847,
0.4215

 150.1765,
146.7366, 91.5784

 2.6349, 2.0635,
0.0000

186.0515,
182.7297, 119.0303

 0.9638, 0.6440,
0.0000

227.2281,

 0.0000, 0.0000,

224.1742, 151.4836

0.0000

274.0716,
271.4544, 189.3569

■ 37.5376, 35.0876,
14.6917

■ 37.5376, 35.0876,
14.6917

■ 35.2701, 31.7748,
10.1687

■ 40.1799, 38.7674,
20.5203

■ 33.3517, 28.8091,
6.8434

■ 43.2153, 42.8225,
27.7466

■ 31.7566, 26.1763,
4.5938

■ 46.6639, 47.2672,
36.4565

■ 30.4531, 23.8577,
3.2699

■ 50.5432, 52.1133,
46.7284

■ 29.9245, 22.8828,
2.8396

■ 54.8698, 57.3722,
58.6350

■ 59.6594, 63.0546,
72.2448

■ 64.9267, 69.1708,
87.6218

■ 70.6858, 75.7307,
104.8272

■ 73.6312, 81.4163,
106.4419

Harmonies

Analogous

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



43.1165, 35.0876, 20.6072



37.5376, 35.0876, 14.6917



31.4145, 35.0876, 13.8754

Triad

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



37.5376, 35.0876, 14.6917



23.1470, 35.0876, 44.1411



41.3600, 35.0876, 69.9684

Complementary

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



37.5376, 35.0876, 14.6917



25.4918, 27.1403, 61.0215

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.



35.3628, 35.0876, 81.3524



37.5376, 35.0876, 14.6917



25.1819, 35.0876, 63.7302

Square

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



37.5376, 35.0876, 14.6917



23.5803, 35.0876, 27.8002



29.4855, 35.0876, 78.7764



45.5018, 35.0876, 50.9261

Rectangle

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



37.5376, 35.0876, 14.6917



27.9001, 35.0876, 15.9647



29.4855, 35.0876, 78.7764



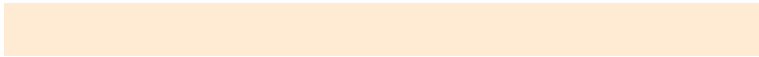
39.4664, 35.0876, 75.0446

Sweetspot

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



37.5384, 35.0893, 14.6924



82.4746, 84.7859, 74.0746



33.9488, 22.4421, 30.3527



17.3663, 17.7917, 15.0892



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.



37.5384, 35.0893, 14.6924



57.9092, 51.8654, 15.9116



48.3829, 56.7782, 18.3072



11.6805, 12.1500, 11.8090



18.9285, 14.5900, 1.8185



1.0523, 0.9043, 0.1191

Inverse Universe

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



25.4918, 27.1403, 61.0215



36.0678, 37.4624, 99.9377



18.9548, 14.0663, 58.8425



11.0449, 11.7302, 14.2524



9.7778, 8.5796, 37.0970



0.5803, 0.5944, 1.9391

Previews

White Background



This preview shows how the XYZ color 37.5376, 35.0876, 14.6917 looks on a white background.

Color Contrast Check

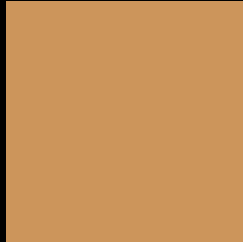
Large Text (above 18pt) WCAG AA × Fail

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 37.5376, 35.0876, 14.6917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

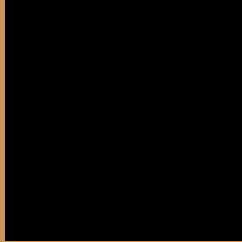
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.5376, 35.0876, 14.6917

Background



This preview shows how black text looks on a background with the XYZ color 37.5376, 35.0876, 14.6917.



This preview shows how white text looks on a background with the XYZ color 37.5376, 35.0876,

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

37.5376, 35.0876, 14.6917

Protanopia

32.3156, 35.0818, 15.8947

Deuteranopia

35.7424, 35.1228, 14.5684



Tritanopia

41.6350, 35.1683, 34.2995

Trichromacy



Original Color

37.5376, 35.0876, 14.6917

Protanomaly

34.1585, 35.0242, 15.5497

Deuteranomaly

36.3624, 35.2004, 14.5507

Tritanomaly

39.8868, 35.1279, 25.7972

Monochromacy



Original Color

37.5376, 35.0876, 14.6917

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.7036, 34.2779, 27.3942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5376, 35.0876, 14.6917 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(204, 149, 91)` looks like.

```
.text, #text, p{  
    color:rgb(204, 149, 91)  
}
```

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(204, 149, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 149, 91) }
```

Border

The CSS property to change the border of an element to XYZ 37.5376, 35.0876, 14.6917 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(204, 149, 91) }
```


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

```
.border{ border-color:rgb(204, 149, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 149, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 149, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 149, 91);  
box-shadow:4px 4px 4px 4px rgb(204, 149,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5376, 35.0876, 14.6917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 149, 91) }
```

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

```
.background{ background-color: rgb(204,  
149, 91) }
```

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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