

Converting Colors

XYZ(37.6455, 34.9254, 25.4893)

Have a look what the booklet for
XYZ(37.6455, 34.9254, 25.4893)
contains.

XYZ(37.7359, 34.9502, 25.5260)	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(37.7359, 34.9502,
25.5260)**

Conversions

Conversions Part 1

Format	Color
Hex	C59581
RGB	197, 149, 129
RGB Percent	77%, 58%, 51%
CMY	0.2274, 0.4157, 0.4941
CMYK	0.00, 0.24, 0.35, 0.23
HSL	18°, 37%, 64%
HSV	18°, 35%, 77%
XYZ	37.7359, 34.9502, 25.5260
YIQ	161.0720, 35.0280, 3.9560

Conversions

Conversions Part 2

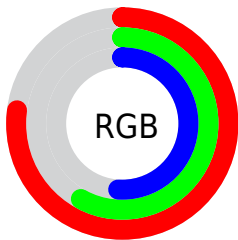
Format	Color
R_{YB}	197, 157, 129
Decimal	12948865
CIE _{Lab}	65.71, 15.29, 17.56
CIE _{LCh}	66, 23.282, 48.951
Yxy	34.9502, 0.3842, 0.3559
Android (android.graphics.Color)	4291138945 (0xFFC59581)
YUV	161.0720, -15.8115, 31.5089
Hunter-Lab	59.1187, 10.4802, 15.7831

Details

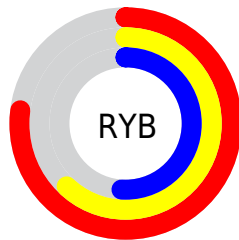
The XYZ color **37.7359, 34.9502, 25.5260** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.8529, 40.1413, 58.7346**, and the grayscale version is **33.9703, 35.7394, 38.9202**.

A 20% lighter version of the original color is **71.0394, 67.3493, 53.5115**, and **16.9710, 15.0653, 9.6028** is the 20% darker color. If you saturate the color by 10%, you get **34.4806, 30.3369, 18.5914**, and if you desaturate by 10%, it is **41.5082, 40.1931, 33.8792**.

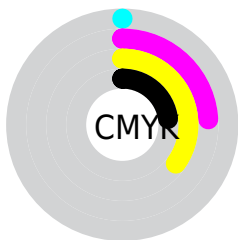
Distribution



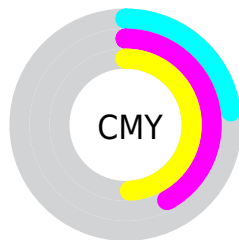
- Red (77%)
- Green (58%)
- Blue (51%)



- Red (77%)
- Yellow (62%)
- Blue (51%)



- Cyan (0%)
- Magenta (24%)
- Yellow (35%)
- Black (23%)





- Cyan (23%)
- Magenta (42%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.7359, 34.9502, 25.5260 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 37.7359, 34.9502, 25.5260 by changing the saturation by 10% instead.


 37.7359, 34.9502,
25.5260


 37.7359, 34.9502,
25.5260


327.7862,
324.3485, 293.9785

 25.9541, 23.6245,
16.2468


 71.0097, 67.4086,
53.4839

 16.9218, 15.0553,
9.5427


 93.2323, 89.3101,
72.9997

 10.2737, 8.8582,
4.9952


 119.6659,
115.5057, 96.7648

 5.6445, 4.6488,
2.1858

150.6759,
146.3798, 125.1978

 2.6687, 2.0427,
0.6661

186.6275,
182.3167, 158.7170

 0.9811, 0.6321,
0.0000

227.8862,

 0.0000, 0.0000,

223.7008, 197.7412

0.0000

274.8173,
270.9166, 242.6889

■ 37.7359, 34.9502,
25.5260

■ 37.7359, 34.9502,
25.5260

■ 34.4806, 30.3369,
18.5914

■ 41.5082, 40.1931,
33.8792

■ 31.7157, 26.3241,
12.9935

■ 45.8169, 46.0835,
43.7222

■ 29.4165, 22.8875,
8.6453


■ 50.6837, 52.6448,
55.1243

■ 27.5544, 19.9991,
5.4483


■ 56.1282, 59.8975,
68.1495


■ 26.0977, 17.6284,
3.2892


■ 62.1692, 67.8615,
82.8582

 25.0089, 15.7412,
2.0308

 68.8244, 76.5557,
99.3079

 24.5367, 14.8918,
1.5812

 74.1347, 85.2077,
107.1472

 76.8360, 90.6104,
108.0476

Harmonies

Analogous

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



39.8475, 34.9502, 32.2506



37.7359, 34.9502, 25.5260



34.4977, 34.9502, 22.3786

Triad

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



37.7359, 34.9502, 25.5260



27.1638, 34.9502, 34.5523



35.4048, 34.9502, 58.8336

Complementary

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



37.7359, 34.9502, 25.5260



34.8529, 40.1413, 58.7346

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.



31.9725, 34.9502, 59.7379



37.7359, 34.9502, 25.5260



27.3698, 34.9502, 44.5167

Square

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



37.7359, 34.9502, 25.5260



28.4945, 34.9502, 26.9608



29.0780, 34.9502, 54.1303



38.4391, 34.9502, 51.8382

Rectangle

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



37.7359, 34.9502, 25.5260



32.2046, 34.9502, 22.2945



29.0780, 34.9502, 54.1303



34.2547, 34.9502, 59.9001

Sweetspot

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



37.7368, 34.9519, 25.5267



85.7374, 87.5144, 86.8684



38.8856, 30.7748, 45.8702



18.0893, 18.3778, 17.9815



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.



37.7368, 34.9519, 25.5267



63.3472, 56.6083, 36.6322



43.7713, 47.0208, 27.5382



10.8839, 11.1370, 11.1388



16.2026, 9.9224, 1.0612



0.8312, 0.5978, 0.0716

Inverse Universe

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



34.8529, 40.1413, 58.7346



57.4318, 67.1892, 104.5496



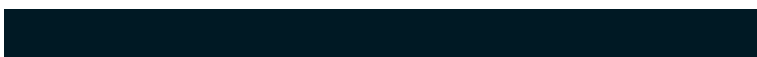
29.0646, 28.5646, 56.8052



10.6730, 11.5202, 13.5786



12.7812, 14.9564, 36.9576



0.6657, 0.8293, 1.7701

Previews

White Background



This preview shows how the XYZ color 37.7359, 34.9502, 25.5260 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 37.7359, 34.9502, 25.5260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

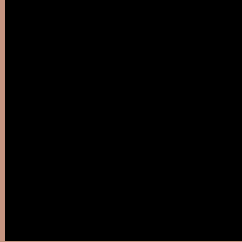
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.7359, 34.9502, 25.5260

Background



This preview shows how black text looks on a background with the XYZ color 37.7359, 34.9502, 25.5260.



This preview shows how white text looks on a background with the XYZ color 37.7359, 34.9502,

25.5260.

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

37.7359, 34.9502, 25.5260

Protanopia

33.2361, 35.2979, 27.6157

Deuteranopia

35.7016, 35.1088, 25.3171



Tritanopia

39.9456, 34.9305, 36.0894

Trichromacy



Original Color

37.7359, 34.9502, 25.5260

Protanomaly

34.6437, 35.0266, 26.7647

Deuteranomaly

36.3597, 34.9621, 25.2541

Tritanomaly

39.0204, 34.7752, 31.8498

Monochromacy



Original Color

37.7359, 34.9502, 25.5260

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.9373, 35.2825, 33.4026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7359, 34.9502, 25.5260 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(197, 149, 129)` looks like.

```
.text, #text, p{  
    color:rgb(197, 149, 129)  
}
```

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(197, 149, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 149, 129) }
```

Border

The CSS property to change the border of an element to XYZ 37.7359, 34.9502, 25.5260 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(197, 149, 129) }
```


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

```
.border{ border-color:rgb(197, 149, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 149, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 149, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 149, 129); box-shadow:4px 4px 4px 4px rgb(197, 149, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7359, 34.9502, 25.5260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 149, 129) }
```

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

```
.background{ background-color: rgb(197,  
149, 129) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor