

Converting Colors

XYZ(37.9387, 34.9979, 24.2611)

Have a look what the booklet for
XYZ(37.9387, 34.9979, 24.2611)
contains.

XYZ(38.0023, 35.1177, 24.1775)	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(38.0023, 35.1177,
24.1775)**

Conversions

Conversions Part 1

Format	Color
Hex	C7957D
RGB	199, 149, 125
RGB Percent	78%, 58%, 49%
CMY	0.2196, 0.4157, 0.5098
CMYK	0.00, 0.25, 0.37, 0.22
HSL	19°, 40%, 64%
HSV	19°, 37%, 78%
XYZ	38.0023, 35.1177, 24.1775
YIQ	161.2140, 37.5040, 3.1360

Conversions

Conversions Part 2

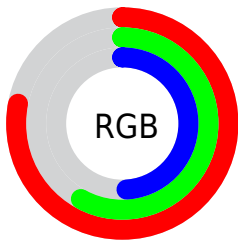
Format	Color
R_{YB}	199, 161, 125
Decimal	13079933
CIE _{Lab}	65.84, 15.59, 19.99
CIE _{LCh}	66, 25.354, 52.054
Yxy	35.1177, 0.3906, 0.3609
Android (android.graphics.Color)	4291270013 (0xFFC7957D)
YUV	161.2140, -17.8535, 33.1383
Hunter-Lab	59.2602, 10.7629, 17.2925

Details

The XYZ color **38.0023, 35.1177, 24.1775** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.0956, 39.1419, 59.7909**, and the grayscale version is **34.0448, 35.8178, 39.0056**.

A 20% lighter version of the original color is **70.6318, 67.1862, 51.3650**, and **16.9999, 15.0968, 8.8555** is the 20% darker color. If you saturate the color by 10%, you get **34.8506, 30.6489, 17.4709**, and if you desaturate by 10%, it is **41.6561, 40.1829, 32.3087**.

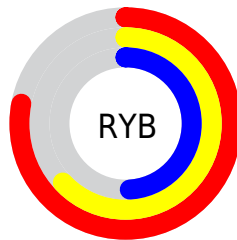
Distribution



Red (78%)

Green (58%)

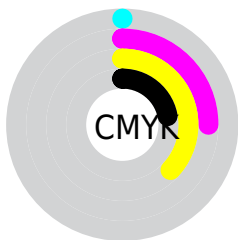
Blue (49%)



Red (78%)

Yellow (63%)

Blue (49%)

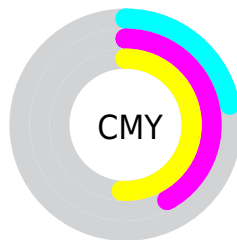


Cyan (0%)

Magenta (25%)

Yellow (37%)

Black (22%)



Cyan (22%)


Magenta (42%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.0023, 35.1177, 24.1775 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 38.0023, 35.1177, 24.1775 by changing the saturation by 10% instead.


 38.0023, 35.1177,
24.1775


 38.0023, 35.1177,
24.1775

328.9105,
325.0875, 287.0320

 26.1617, 23.7536,
15.2519


 71.4155, 67.6681,
51.2672

 17.0780, 15.1509,
8.8478

 93.7189, 89.6231,
70.2683

 10.3857, 8.9254,
4.5466


 120.2405,
115.8772, 93.4651

 5.7197, 4.6925,
1.9297

151.3458,
146.8147, 121.2760

 2.7144, 2.0680,
0.5116

187.4001,
182.8201, 154.1196

 1.0046, 0.6465,
0.0000

228.7687,

 0.0000, 0.0000,

224.2778, 192.4145

0.0000

275.8171,
271.5722, 236.5791

■ 38.0023, 35.1177,
24.1775

■ 38.0023, 35.1177,
24.1775

■ 34.8506, 30.6489,
17.4709

■ 41.6561, 40.1829,
32.3087

■ 32.1746, 26.7487,
12.1036

■ 45.8313, 45.8609,
41.9390

■ 29.9497, 23.3945,
7.9840


■ 50.5493, 52.1737,
53.1401


■ 28.1472, 20.5599,
5.0083


■ 55.8295, 59.1407,
65.9783


■ 26.7349, 18.2162,
3.0553


■ 61.6904, 66.7803,
80.5164

 25.6714, 16.3295,
1.9597

 68.1494, 75.1104,
96.8136

 25.4179, 15.8715,
1.7238

 73.6892, 83.5342,
106.8476

 77.3632, 90.8821,
108.0723

Harmonies

Analogous

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



40.5028, 35.1177, 31.0084



38.0023, 35.1177, 24.1775



34.3831, 35.1177, 21.2409

Triad

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



38.0023, 35.1177, 24.1775



26.7458, 35.1177, 35.4581



36.1542, 35.1177, 60.6985

Complementary

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



38.0023, 35.1177, 24.1775



34.0956, 39.1419, 59.7909

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.



32.3933, 35.1177, 62.4990



38.0023, 35.1177, 24.1775



27.1425, 35.1177, 46.5103

Square

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



38.0023, 35.1177, 24.1775



28.0185, 35.1177, 26.9117



29.1455, 35.1177, 56.9031



39.3815, 35.1177, 52.3635

Rectangle

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



38.0023, 35.1177, 24.1775



31.8978, 35.1177, 21.4147



29.1455, 35.1177, 56.9031



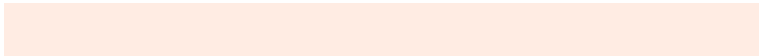
34.9040, 35.1177, 62.1436

Sweetspot

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



38.0032, 35.1194, 24.1782



85.1078, 86.8224, 84.9096



38.6806, 29.9271, 44.5879



17.9724, 18.2570, 17.5940



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.



38.0032, 35.1194, 24.1782



61.8078, 54.7923, 32.2261



44.6947, 48.5024, 26.4087



10.9101, 11.1894, 11.1475



16.4156, 10.3484, 1.1322



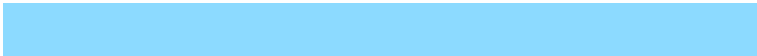
0.8436, 0.6226, 0.0757

Inverse Universe

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



34.0956, 39.1419, 59.7909



53.9210, 62.8444, 103.8960



27.9366, 26.8239, 57.7379



10.6455, 11.4651, 13.5694



12.2329, 13.8597, 36.7748



0.6430, 0.7838, 1.7625

Previews

White Background



This preview shows how the XYZ color 38.0023, 35.1177, 24.1775 looks on a white background.

Color Contrast Check

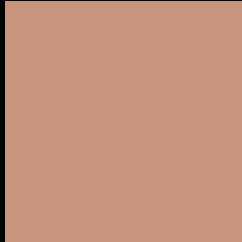
Large Text (above 18pt) WCAG AA × Fail

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 38.0023, 35.1177, 24.1775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

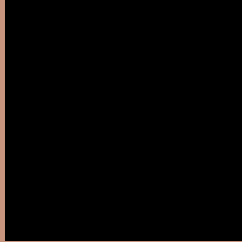
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.0023, 35.1177, 24.1775

Background



This preview shows how black text looks on a background with the XYZ color 38.0023, 35.1177, 24.1775.



This preview shows how white text looks on a background with the XYZ color 38.0023, 35.1177, 24.1775.

24.1775.

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

38.0023, 35.1177, 24.1775

Protanopia

33.1776, 35.2994, 26.1839

Deuteranopia

35.9327, 35.2578, 23.9804



Tritanopia

40.4833, 35.2077, 36.1145

Trichromacy



Original Color

38.0023, 35.1177, 24.1775

Protanomaly

34.8408, 35.1592, 25.3722

Deuteranomaly

36.6046, 35.1182, 23.9180

Tritanomaly

39.4771, 35.0196, 31.4669

Monochromacy



Original Color

38.0023, 35.1177, 24.1775

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.0815, 35.3660, 32.9943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0023, 35.1177, 24.1775 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(199, 149, 125)` looks like.

```
.text, #text, p{  
    color:rgb(199, 149, 125)  
}
```

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(199, 149, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 149, 125) }
```

Border

The CSS property to change the border of an element to XYZ 38.0023, 35.1177, 24.1775 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(199, 149, 125) }
```


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

```
.border{ border-color:rgb(199, 149, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 149, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 149, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 149, 125);  
box-shadow:4px 4px 4px 4px rgb(199, 149,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0023, 35.1177, 24.1775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 149, 125) }
```

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

```
.background{ background-color: rgb(199,  
149, 125) }
```

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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