

Converting Colors

XYZ(37.6791, 35.0449, 27.9616)

Have a look what the booklet for
XYZ(37.6791, 35.0449, 27.9616)
contains.

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Color

**XYZ(37.8560, 35.1924,
28.0901)**

Conversions

Conversions Part 1

Format	Color
Hex	C39688
RGB	195, 150, 136
RGB Percent	76%, 59%, 53%
CMY	0.2353, 0.4117, 0.4667
CMYK	0.00, 0.23, 0.30, 0.24
HSL	14°, 33%, 65%
HSV	14°, 30%, 76%
XYZ	37.8560, 35.1924, 28.0901
YIQ	161.8590, 31.3140, 5.1860

Conversions

Conversions Part 2

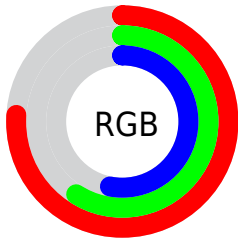
Format	Color
R_{YB}	195, 154, 136
Decimal	12818056
CIE Lab	65.90, 14.87, 13.88
CIE LCh	66, 20.342, 43.042
Yxy	35.1924, 0.3743, 0.3480
Android (android.graphics.Color)	4291008136 (0xFFC39688)
YUV	161.8590, -12.7485, 29.0647
Hunter-Lab	59.3232, 10.0909, 13.4518

Details

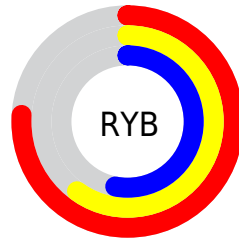
The XYZ color **37.8560, 35.1924, 28.0901** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.5270, 42.2208, 57.8542**, and the grayscale version is **34.3250, 36.1125, 39.3266**.

A 20% lighter version of the original color is **70.9231, 67.5553, 57.4455**, and **16.9568, 15.1710, 10.8387** is the 20% darker color. If you saturate the color by 10%, you get **34.3700, 30.2400, 20.7016**, and if you desaturate by 10%, it is **41.8972, 40.8513, 36.9083**.

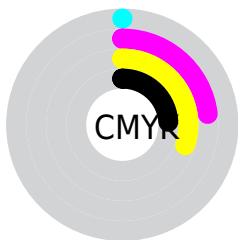
Distribution



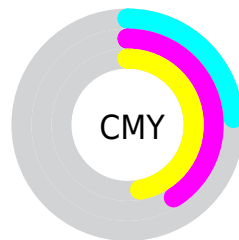
- Red (76%)
- Green (59%)
- Blue (53%)



- Red (76%)
- Yellow (60%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (30%)
- Black (24%)





- Cyan (24%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.8560, 35.1924, 28.0901 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 37.8560, 35.1924, 28.0901 by changing the saturation by 10% instead.


 37.8560, 35.1924,
28.0901

 37.8560, 35.1924,
28.0901


328.2934,
325.4168, 306.8227


 26.0477, 23.8111,
18.1540


 71.1927, 67.7837,
57.6531

 16.9922, 15.1936,
10.8900

 93.4517, 89.7625,
78.1170

 10.3242, 8.9554,
5.8797


 119.9251,
116.0427, 102.9273

 5.6783, 4.7121,
2.7044

150.9781,
147.0085, 132.5024

 2.6893, 2.0793,
0.9457

186.9760,
183.0445, 167.2610

 0.9917, 0.6530,
0.0000

228.2843,

 0.0000, 0.0000,

224.5349, 207.6215

0.0000

275.2683,
271.8642, 254.0026

■ 37.8560, 35.1924,
28.0901

■ 37.8560, 35.1924,
28.0901

■ 34.3700, 30.2400,
20.7016

■ 41.8972, 40.8513,
36.9083

■ 31.4115, 25.9613,
14.6650

■ 46.5142, 47.2382,
47.2244

■ 28.9545, 22.3279,
9.8979

■ 51.7298, 54.3797,
59.1045

■ 26.9696, 19.3078,
6.3084

■ 57.5647, 62.2996,
72.6102

■ 25.4240, 16.8657,
3.7918

■ 64.0388, 71.0206,
87.7999

■ 24.2801, 14.9628,
2.2245

■ 71.1708, 80.5644,
104.7290

■ 23.4939, 13.5785,
1.3826

■ 76.0312, 89.7730,
107.9284

■ 76.3158, 90.3422,
108.0233

Harmonies

Analogous

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



39.4049, 35.1924, 34.7014



37.8560, 35.1924, 28.0901



35.1644, 35.1924, 24.5603

Triad

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



37.8560, 35.1924, 28.0901



28.2174, 35.1924, 33.6884



34.7713, 35.1924, 56.8225

Complementary

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



37.8560, 35.1924, 28.0901



36.5270, 42.2208, 57.8542

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.



31.7909, 35.1924, 56.4425



37.8560, 35.1924, 28.0901



28.1262, 35.1924, 42.1787

Square

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



37.8560, 35.1924, 28.0901



29.6557, 35.1924, 27.4447



29.3986, 35.1924, 50.7699



37.5534, 35.1924, 51.7411

Rectangle

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



37.8560, 35.1924, 28.0901



33.1433, 35.1924, 24.0460



29.3986, 35.1924, 50.7699



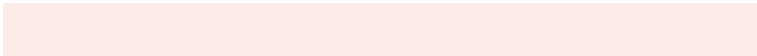
33.7572, 35.1924, 57.3493

Sweetspot

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



37.8569, 35.1940, 28.0908



84.2964, 85.9643, 86.8138



39.6746, 32.5566, 48.0350



18.1730, 18.4304, 18.3630



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.



37.8569, 35.1940, 28.0908



63.7536, 57.2974, 41.6808



43.1235, 45.7272, 29.8463



10.2630, 10.4574, 10.5394



15.3248, 8.9354, 0.9170



0.7174, 0.4966, 0.0580

Inverse Universe

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



36.5270, 42.2208, 57.8542



60.9967, 71.7769, 103.1092



31.1890, 31.5448, 56.0749



10.1594, 11.0101, 12.8745



13.4256, 16.6076, 36.0546



0.6303, 0.8180, 1.5746

Previews

White Background



This preview shows how the XYZ color 37.8560, 35.1924, 28.0901 looks on a white background.

Color Contrast Check

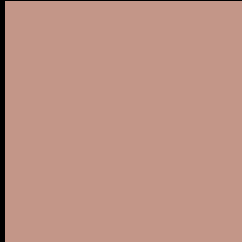
Large Text (above 18pt) WCAG AA × Fail

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 37.8560, 35.1924, 28.0901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

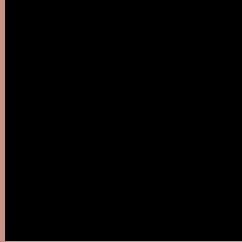
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.8560, 35.1924, 28.0901

Background



This preview shows how black text looks on a background with the XYZ color 37.8560, 35.1924, 28.0901.



This preview shows how white text looks on a background with the XYZ color 37.8560, 35.1924,

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

37.8560, 35.1924, 28.0901

Protanopia

33.5270, 35.3895, 30.2631

Deuteranopia

35.9364, 35.1748, 27.8170



Tritanopia

39.6312, 35.2064, 37.0545

Trichromacy



Original Color

37.8560, 35.1924, 28.0901

Protanomaly

34.9088, 35.1060, 29.3623

Deuteranomaly

36.7507, 35.3506, 27.8080

Tritanomaly

38.8599, 35.1176, 33.5844

Monochromacy



Original Color

37.8560, 35.1924, 28.0901

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.4322, 35.7523, 35.1704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8560, 35.1924, 28.0901 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(195, 150, 136)` looks like.

```
.text, #text, p{  
    color:rgb(195, 150, 136)  
}
```

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(195, 150, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 150, 136) }
```

Border

The CSS property to change the border of an element to XYZ 37.8560, 35.1924, 28.0901 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(195, 150, 136) }
```


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

```
.border{ border-color:rgb(195, 150, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 150, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 150, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 150, 136);  
box-shadow:4px 4px 4px 4px rgb(195, 150,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8560, 35.1924, 28.0901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 150, 136) }
```

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

```
.background{ background-color: rgb(195,  
150, 136) }
```

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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