

Converting Colors

XYZ(37.5088, 35.0535, 26.2618)

Have a look what the booklet for
XYZ(37.5088, 35.0535, 26.2618)
contains.

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Color

**XYZ(37.5088, 35.0535,
26.2618)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C39683 |
| RGB | 195, 150, 131 |
| RGB Percent | 76%, 59%, 51% |
| CMY | 0.2353, 0.4117, 0.4863 |
| CMYK | 0.00, 0.23, 0.33, 0.24 |
| HSL | 18°, 35%, 64% |
| HSV | 18°, 33%, 76% |
| XYZ | 37.5088, 35.0535, 26.2618 |
| YIQ | 161.2890, 32.9190, 3.6310 |

Conversions

Conversions Part 2

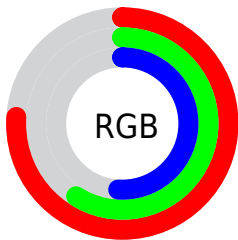
| Format | Color |
|-------------------------------------|--|
| RYB | 195, 158, 131 |
| Decimal | 12818051 |
| CIELab | 65.79, 14.20, 16.52 |
| CIELCh | 66, 21.789, 49.316 |
| Yxy | 35.0535, 0.3796, 0.3547 |
| Android (android.graphics.Color) | 4291008131 (0xFFC39683) |
| YUV | 161.2890, -14.9325, 29.5645 |
| Hunter-Lab | 59.2060, 9.4747, 15.1451 |

Details

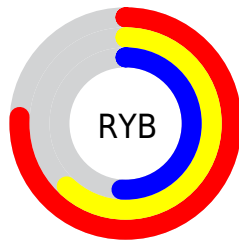
The XYZ color **37.5088, 35.0535, 26.2618** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.7353, 39.8149, 57.4842**, and the grayscale version is **34.0681, 35.8423, 39.0322**.

A 20% lighter version of the original color is **70.7526, 67.5291, 54.6527**, and **16.8000, 15.1083, 10.0134** is the 20% darker color. If you saturate the color by 10%, you get **34.2485, 30.4525, 19.2569**, and if you desaturate by 10%, it is **41.2757, 40.2693, 34.6635**.

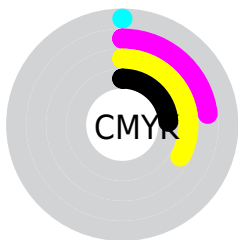
Distribution



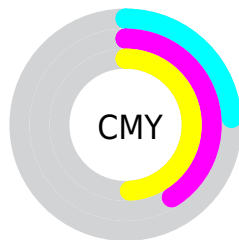
- Red (76%)
- Green (59%)
- Blue (51%)



- Red (76%)
- Yellow (62%)
- Blue (51%)



- Cyan (0%)
- Magenta (23%)
- Yellow (33%)
- Black (24%)





- Cyan (24%)
- Magenta (41%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.5088, 35.0535, 26.2618 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 37.5088, 35.0535, 26.2618 by changing the saturation by 10% instead.


 37.5088, 35.0535,
26.2618


 37.5088, 35.0535,
26.2618


326.8255,
324.8044, 297.7111


 25.7772, 23.7041,
16.7921


 70.6634, 67.5686,
54.6863

 16.7888, 15.1143,
9.9260


 92.8171, 89.5032,
74.4781

 10.1784, 8.8996,
5.2449


 119.1754,
115.7348, 98.5476

 5.5806, 4.6758,
2.3304

150.1039,
146.6481, 127.3136

 2.6300, 2.0583,
0.7482

185.9678,
182.6272, 161.1943

 0.9613, 0.6410,
0.0000

227.1324,

 0.0000, 0.0000,

224.0568, 200.6085

0.0000

273.9632,
271.3210, 245.9746

■ 37.5088, 35.0535,
26.2618

■ 37.5088, 35.0535,
26.2618

■ 34.2485, 30.4525,
19.2569

■ 41.2757, 40.2693,
34.6635

■ 31.4692, 26.4382,
13.5699

■ 45.5677, 46.1167,
44.5306

■ 29.1473, 22.9874,
9.1177

■ 50.4057, 52.6182,
55.9296

■ 27.2556, 20.0736,
5.8063

■ 55.8086, 59.7937,
68.9224

■ 25.7638, 17.6677,
3.5282

■ 61.7943, 67.6619,
83.5674

■ 24.6369, 15.7375,
2.1546

■ 68.3801, 76.2412,
99.9201

■ 24.0139, 14.6185,
1.5560

■ 73.5034, 84.7173,
107.0858

■ 76.3158, 90.3421,
108.0233

Harmonies

Analogous

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



39.4937, 35.0535, 32.6093



37.5088, 35.0535, 26.2618



34.4758, 35.0535, 23.2881

Triad

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



37.5088, 35.0535, 26.2618



27.6081, 35.0535, 34.9803



35.4027, 35.0535, 57.4163

Complementary

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



37.5088, 35.0535, 26.2618



34.7353, 39.8149, 57.4842

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.



32.1851, 35.0535, 58.3258



37.5088, 35.0535, 26.2618



27.8209, 35.0535, 44.3235

Square

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



37.5088, 35.0535, 26.2618



28.8489, 35.0535, 27.7568



29.4503, 35.0535, 53.2167



38.2248, 35.0535, 50.9012

Rectangle

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



37.5088, 35.0535, 26.2618



32.3273, 35.0535, 23.2354



29.4503, 35.0535, 53.2167



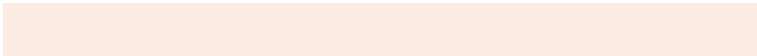
34.3273, 35.0535, 58.4232

Sweetspot

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



37.5097, 35.0551, 26.2625



83.8244, 85.5826, 84.9226



38.5448, 31.0041, 45.4785



18.0942, 18.3876, 17.9832



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.



37.5097, 35.0551, 26.2625



63.1212, 57.0743, 38.2590



43.1537, 46.3431, 28.1438



10.3115, 10.5545, 10.5556



15.6723, 9.6304, 1.0328



0.7389, 0.5395, 0.0652

Inverse Universe

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



34.7353, 39.8149, 57.4842



57.4126, 66.8166, 102.3407



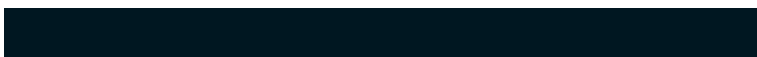
29.3158, 28.9759, 55.6777



10.1078, 10.9070, 12.8574



12.3014, 14.3593, 35.6799



0.5891, 0.7357, 1.5608

Previews

White Background



This preview shows how the XYZ color 37.5088, 35.0535, 26.2618 looks on a white background.

Color Contrast Check

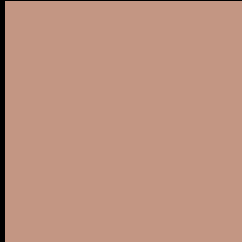
Large Text (above 18pt) WCAG AA × Fail

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 37.5088, 35.0535, 26.2618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

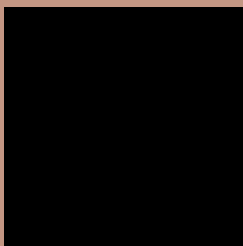
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.5088, 35.0535, 26.2618

Background



This preview shows how black text looks on a background with the XYZ color 37.5088, 35.0535, 26.2618.



This preview shows how white text looks on a background with the XYZ color 37.5088, 35.0535,

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

37.5088, 35.0535, 26.2618

Protanopia

33.3769, 35.3542, 28.3574

Deuteranopia

35.8346, 35.1620, 26.0174



Tritanopia

39.6534, 34.9979, 36.5636

Trichromacy



Original Color

37.5088, 35.0535, 26.2618

Protanomaly

34.5516, 34.9631, 27.4818

Deuteranomaly

36.4068, 35.2130, 25.9970

Tritanomaly

38.8050, 34.8759, 32.7034

Monochromacy



Original Color

37.5088, 35.0535, 26.2618

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.7956, 35.2002, 33.8146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5088, 35.0535, 26.2618 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, 131)` looks like.

```
.text, #text, p{  
    color:rgb(195, 150, 131)  
}
```

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, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 150, 131) }
```

Border

The CSS property to change the border of an element to XYZ 37.5088, 35.0535, 26.2618 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, 131) }
```


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

```
.border{ border-color:rgb(195, 150, 131) }
```

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, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 150, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 150, 131);  
box-shadow:4px 4px 4px 4px rgb(195, 150,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5088, 35.0535, 26.2618 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, 131) }
```

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

```
.background{ background-color: rgb(195,  
150, 131) }
```

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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