

Converting Colors

XYZ(37.4858, 35.6778, 25.6901)

Have a look what the booklet for
XYZ(37.4858, 35.6778, 25.6901)
contains.

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Color

**XYZ(37.6018, 35.8368,
25.7042)**

Conversions

Conversions Part 1

Format	Color
Hex	C29981
RGB	194, 153, 129
RGB Percent	76%, 60%, 51%
CMY	0.2392, 0.4000, 0.4941
CMYK	0.00, 0.21, 0.34, 0.24
HSL	22°, 35%, 63%
HSV	22°, 34%, 76%
XYZ	37.6018, 35.8368, 25.7042
YIQ	162.5230, 32.1400, 1.2280

Conversions

Conversions Part 2

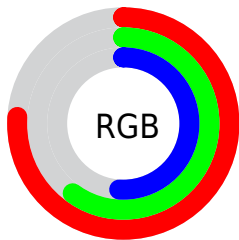
Format	Color
RYB	194, 167, 129
Decimal	12753281
CIELab	66.40, 11.90, 18.45
CIElCh	66, 21.957, 57.182
Yxy	35.8368, 0.3793, 0.3615
Android (android.graphics.Color)	4290943361 (0xFFC29981)
YUV	162.5230, -16.5268, 27.6053
Hunter-Lab	59.8638, 7.3581, 16.4469

Details

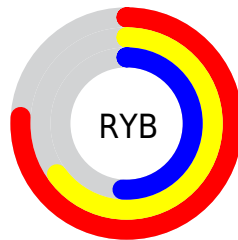
The XYZ color **37.6018, 35.8368, 25.7042** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.1650, 37.3102, 56.4926**, and the grayscale version is **34.6535, 36.4582, 39.7030**.

A 20% lighter version of the original color is **70.9012, 68.6985, 53.7792**, and **16.8468, 15.5709, 9.7070** is the 20% darker color. If you saturate the color by 10%, you get **34.5319, 31.5683, 18.9115**, and if you desaturate by 10%, it is **41.1238, 40.6174, 33.8562**.

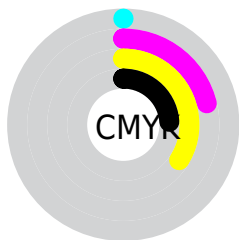
Distribution



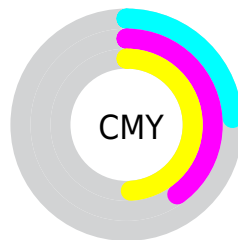
- Red (76%)
- Green (60%)
- Blue (51%)



- Red (76%)
- Yellow (65%)
- Blue (51%)



- Cyan (0%)
- Magenta (21%)
- Yellow (34%)
- Black (24%)



- Cyan (24%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.6018, 35.8368, 25.7042 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 37.6018, 35.8368, 25.7042 by changing the saturation by 10% instead.

■ 37.6018, 35.8368,
25.7042

■ 37.6018, 35.8368,
25.7042

327.2192,
328.2467, 294.8861

■ 25.8496, 24.3082,
16.3787

■ 70.8052, 68.7801,
53.7756

■ 16.8432, 15.5624,
9.6353

■ 92.9872, 90.9636,
73.3585

■ 10.2174, 9.2150,
5.0554

■ 119.3764,
117.4674, 97.1977

■ 5.6067, 4.8817,
2.2205

150.3382,
148.6761, 125.7117

■ 2.6458, 2.1780,
0.6862

186.2381,
184.9740, 159.3190

■ 0.9694, 0.7080,
0.0000

227.4413,

■ 0.0000, 0.0000,

226.7454, 198.4381

0.0000

274.3132,
274.3749, 243.4876

■ 37.6018, 35.8368,
25.7042

■ 37.6018, 35.8368,
25.7042

■ 34.5319, 31.5683,
18.9115

■ 41.1238, 40.6174,
33.8562

■ 31.8912, 27.7889,
13.4008

■ 45.1139, 45.9219,
43.4348

■ 29.6589, 24.4814,
9.0900


■ 49.5905, 51.7681,
54.5052


■ 27.8112, 21.6251,
5.8868


■ 54.5701, 58.1713,
67.1282


■ 26.3210, 19.1980,
3.6849


■ 60.0687, 65.1463,
81.3609


 25.1571, 17.1750,
2.3566

 66.1013, 72.7072,
97.2576

 24.5425, 16.0581,
1.8060

 71.0636, 80.2202,
106.3463

 74.7610, 87.6150,
107.5788

 76.0581, 90.2093,
108.0112

Harmonies

Analogous

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



39.9965, 35.8368, 31.3246



37.6018, 35.8368, 25.7042



34.3733, 35.8368, 23.5950

Triad

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



37.6018, 35.8368, 25.7042



28.1334, 35.8368, 38.1374



37.0301, 35.8368, 57.4297

Complementary

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



37.6018, 35.8368, 25.7042



33.1650, 37.3102, 56.4926

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.



33.7522, 35.8368, 60.0250



37.6018, 35.8368, 25.7042



28.7453, 35.8368, 47.8829

Square

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



37.6018, 35.8368, 25.7042



29.0235, 35.8368, 30.0126



30.7513, 35.8368, 56.2864



39.6518, 35.8368, 49.6706

Rectangle

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



37.6018, 35.8368, 25.7042



32.2294, 35.8368, 24.1612



30.7513, 35.8368, 56.2864



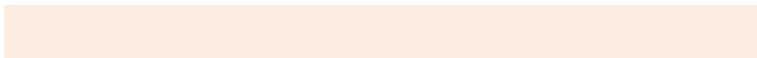
35.9624, 35.8368, 58.9842

Sweetspot

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



37.6027, 35.8385, 25.7049



84.3492, 86.6323, 85.0975



37.3701, 30.0788, 41.9493



18.2237, 18.6465, 18.0263



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.



37.6027, 35.8385, 25.7049



64.0786, 59.3220, 37.5517



43.6295, 47.8920, 27.7138



10.3710, 10.6735, 10.5755



16.2084, 10.7025, 1.2115



0.7664, 0.5947, 0.0744

Inverse Universe

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



33.1650, 37.3102, 56.4926



54.8328, 62.3628, 101.6170



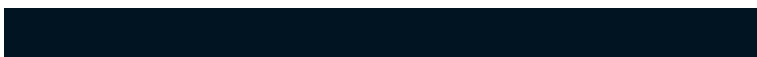
27.8319, 26.6440, 54.7148



10.0458, 10.7828, 12.8367



11.0872, 11.9310, 35.2752



0.5431, 0.6436, 1.5455

Previews

White Background



This preview shows how the XYZ color 37.6018, 35.8368, 25.7042 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 37.6018, 35.8368, 25.7042 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 37.6018, 35.8368, 25.7042

Background



This preview shows how black text looks on a background with the XYZ color 37.6018, 35.8368, 25.7042.



This preview shows how white text looks on a background with the XYZ color 37.6018, 35.8368,

25.7042.

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

37.6018, 35.8368, 25.7042

Protanopia

33.7731, 35.8411, 27.3283

Deuteranopia

36.6701, 35.8465, 25.7552



Tritanopia

40.1186, 35.9033, 38.0733

Trichromacy



Original Color

37.6018, 35.8368, 25.7042

Protanomaly

34.9821, 35.7034, 26.8775

Deuteranomaly

37.0039, 35.7725, 25.7234

Tritanomaly

39.0961, 35.7184, 33.2675

Monochromacy



Original Color

37.6018, 35.8368, 25.7042

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.4396, 36.0293, 34.3646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6018, 35.8368, 25.7042 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(194, 153, 129)` looks like.

```
.text, #text, p{  
    color:rgb(194, 153, 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(194, 153, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 153, 129) }
```

Border

The CSS property to change the border of an element to XYZ 37.6018, 35.8368, 25.7042 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(194, 153, 129) }
```


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

```
.border{ border-color:rgb(194, 153, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 153, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 153, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 153, 129);  
box-shadow:4px 4px 4px 4px rgb(194, 153,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6018, 35.8368, 25.7042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 153, 129) }
```

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

```
.background{ background-color: rgb(194,  
153, 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](#).

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