

Converting Colors

XYZ(37.6451, 34.6618, 25.8254)

Have a look what the booklet for
XYZ(37.6451, 34.6618, 25.8254)
contains.

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Color

**XYZ(37.6451, 34.6618,
25.8254)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C59482 |
| RGB | 197, 148, 130 |
| RGB Percent | 77%, 58%, 51% |
| CMY | 0.2275, 0.4196, 0.4902 |
| CMYK | 0.00, 0.25, 0.34, 0.23 |
| HSL | 16°, 37%, 64% |
| HSV | 16°, 34%, 77% |
| XYZ | 37.6451, 34.6618, 25.8254 |
| YIQ | 160.5990, 34.9820, 4.7900 |

Conversions

Conversions Part 2

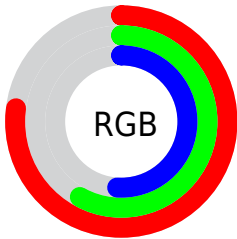
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 197, 155, 130 |
| Decimal | 12948610 |
| CIELab | 65.48, 15.97, 16.69 |
| CIELCh | 65, 23.096, 46.269 |
| Yxy | 34.6618, 0.3836, 0.3532 |
| Android (android.graphics.Color) | 4291138690 (0xFFC59482) |
| YUV | 160.5990, -15.0853, 31.9237 |
| Hunter-Lab | 58.8743, 11.1056, 15.2042 |

Details

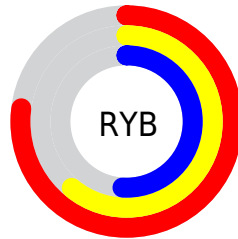
The XYZ color **37.6451, 34.6618, 25.8254** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.4035, 41.0159, 58.8742**, and the grayscale version is **33.7473, 35.5048, 38.6648**.

A 20% lighter version of the original color is **70.9078, 66.9200, 53.9793**, and **16.9152, 14.8943, 9.7679** is the 20% darker color. If you saturate the color by 10%, you get **34.3266, 29.9422, 18.8082**, and if you desaturate by 10%, it is **41.4999, 40.0485, 34.2711**.

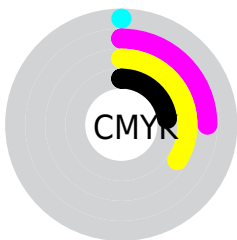
Distribution



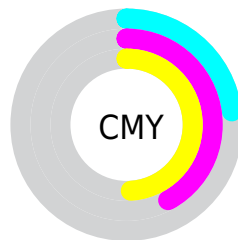
- Red (77%)
- Green (58%)
- Blue (51%)



- Red (77%)
- Yellow (61%)
- Blue (51%)



- Cyan (0%)
- Magenta (25%)
- Yellow (34%)
- Black (23%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.6451, 34.6618, 25.8254 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 37.6451, 34.6618, 25.8254 by changing the saturation by 10% instead.


 37.6451, 34.6618,
25.8254


 37.6451, 34.6618,
25.8254

327.4023,
323.0730, 295.5021

 25.8833, 23.4025,
16.4685


 70.8713, 66.9615,
53.9738

 16.8686, 14.8910,
9.6983


 93.0663, 88.7707,
73.6023

 10.2356, 8.7429,
5.0964


 119.4699,
114.8653, 97.4917

 5.6189, 4.5739,
2.2442

150.4473,
145.6296, 126.0607

 2.6532, 1.9995,
0.6997

186.3639,
181.4482, 159.7276

 0.9731, 0.6072,
0.0000

227.5850,

 0.0000, 0.0000,

222.7054, 198.9112

0.0000

274.4760,
269.7855, 244.0298

■ 37.6451, 34.6618,
25.8254

■ 37.6451, 34.6618,
25.8254

■ 34.3266, 29.9422,
18.8082

■ 41.4999, 40.0485,
34.2711

■ 31.5169, 25.8583,
13.1376

■ 45.9113, 46.1222,
44.2166

■ 29.1899, 22.3836,
8.7266

■ 50.9019, 52.9081,
55.7313

■ 27.3162, 19.4877,
5.4771

■ 56.4923, 60.4286,
68.8791

■ 25.8626, 17.1372,
3.2759

■ 62.7020, 68.7051,
83.7208

■ 24.7903, 15.2948,
1.9871

■ 69.5495, 77.7581,
100.3139

■ 24.2962, 14.4108,
1.5010

■ 74.9050, 86.7483,
107.4039

■ 76.8360, 90.6103,
108.0476

Harmonies

Analogous

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



39.5861, 34.6618, 32.7628



37.6451, 34.6618, 25.8254



34.5119, 34.6618, 22.3932

Triad

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



37.6451, 34.6618, 25.8254



27.0262, 34.6618, 33.4928



34.7995, 34.6618, 58.5770

Complementary

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



37.6451, 34.6618, 25.8254



35.4035, 41.0159, 58.8742

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.



31.4263, 34.6618, 58.8635



37.6451, 34.6618, 25.8254



27.0915, 34.6618, 43.1991

Square

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



37.6451, 34.6618, 25.8254



28.4683, 34.6618, 26.2807



28.6534, 34.6618, 52.8517



37.8680, 34.6618, 52.1254

Rectangle

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



37.6451, 34.6618, 25.8254



32.2404, 34.6618, 22.0975



28.6534, 34.6618, 52.8517



33.6598, 34.6618, 59.4311

Sweetspot

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



37.6460, 34.6634, 25.8261



85.5498, 87.1391, 86.8059



39.1590, 31.0960, 46.6570



18.0442, 18.2875, 17.9665



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.



37.6460, 34.6634, 25.8261



62.8103, 55.5344, 36.4533



43.6539, 46.6792, 27.8287



10.8619, 11.0929, 11.1314



16.0405, 9.5982, 1.0072



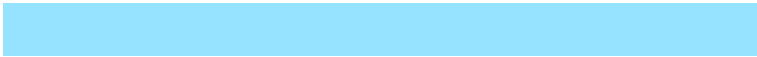
0.8213, 0.5779, 0.0683

Inverse Universe

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



35.4035, 41.0159, 58.8742



58.1539, 68.6334, 104.7903



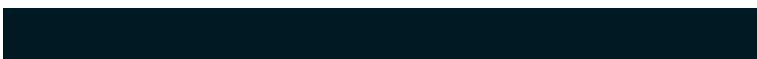
29.5068, 29.2223, 56.9086



10.6963, 11.5667, 13.5863



13.2668, 15.9275, 37.1194



0.6856, 0.8691, 1.7768

Previews

White Background



This preview shows how the XYZ color 37.6451, 34.6618, 25.8254 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 37.6451, 34.6618, 25.8254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

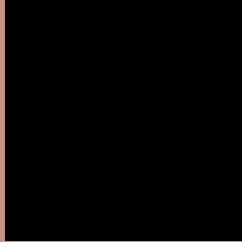
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.6451, 34.6618, 25.8254

Background



This preview shows how black text looks on a background with the XYZ color 37.6451, 34.6618, 25.8254.



This preview shows how white text looks on a background with the XYZ color 37.6451, 34.6618,

25.8254.

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

37.6451, 34.6618, 25.8254

Protanopia

32.9198, 34.8704, 27.9173

Deuteranopia

35.3613, 34.6817, 25.5994



Tritanopia

39.7091, 34.5924, 35.5945

Trichromacy



Original Color

37.6451, 34.6618, 25.8254

Protanomaly

34.5454, 34.7199, 27.0712

Deuteranomaly

36.0153, 34.5370, 25.5370

Tritanomaly

38.8669, 34.4682, 31.7987

Monochromacy



Original Color

37.6451, 34.6618, 25.8254

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.8490, 34.9776, 33.7688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6451, 34.6618, 25.8254 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, 148, 130)` looks like.

```
.text, #text, p{  
    color:rgb(197, 148, 130)  
}
```

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, 148, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 148, 130) }
```

Border

The CSS property to change the border of an element to XYZ 37.6451, 34.6618, 25.8254 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, 148, 130) }
```


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

```
.border{ border-color:rgb(197, 148, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 148, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 148, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 148, 130);  
box-shadow:4px 4px 4px 4px rgb(197, 148,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6451, 34.6618, 25.8254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 148, 130) }
```

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

```
.background{ background-color: rgb(197,  
148, 130) }
```

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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