

Converting Colors

XYZ(36.7446, 34.8216, 25.6213)

Have a look what the booklet for
XYZ(36.7446, 34.8216, 25.6213)
contains.

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Color

**XYZ(36.7673, 34.9247,
25.5722)**

Conversions

Conversions Part 1

Format	Color
Hex	C09781
RGB	192, 151, 129
RGB Percent	75%, 59%, 51%
CMY	0.2471, 0.4078, 0.4941
CMYK	0.00, 0.21, 0.33, 0.25
HSL	21°, 33%, 63%
HSV	21°, 33%, 75%
XYZ	36.7673, 34.9247, 25.5722
YIQ	160.7510, 31.4980, 1.8500

Conversions

Conversions Part 2

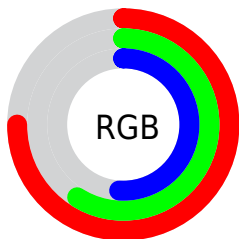
Format	Color
RYB	192, 163, 129
Decimal	12621697
CIELab	65.69, 12.20, 17.45
CIElCh	66, 21.293, 55.032
Yxy	34.9247, 0.3780, 0.3591
Android (android.graphics.Color)	4290811777 (0xFFC09781)
YUV	160.7510, -15.6532, 27.4054
Hunter-Lab	59.0971, 7.6339, 15.7123

Details

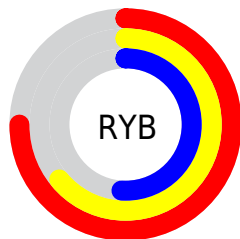
The XYZ color **36.7673, 34.9247, 25.5722** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.9420, 37.2211, 55.3174**, and the grayscale version is **33.8216, 35.5829, 38.7498**.

A 20% lighter version of the original color is **69.3417, 67.1798, 53.5683**, and **16.3217, 15.0119, 9.6268** is the 20% darker color. If you saturate the color by 10%, you get **33.7039, 30.6519, 18.8352**, and if you desaturate by 10%, it is **40.2855, 39.7229, 33.6446**.

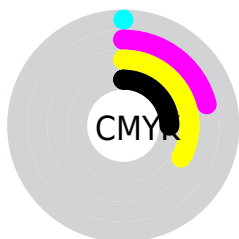
Distribution



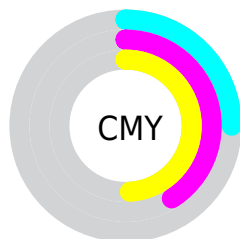
- Red (75%)
- Green (59%)
- Blue (51%)



- Red (75%)
- Yellow (64%)
- Blue (51%)



- Cyan (0%)
- Magenta (21%)
- Yellow (33%)
- Black (25%)





- Cyan (25%)
- Magenta (41%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.7673, 34.9247, 25.5722 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 36.7673, 34.9247, 25.5722 by changing the saturation by 10% instead.


 36.7673, 34.9247,
25.5722

 36.7673, 34.9247,
25.5722


323.6750,
324.2358, 294.2140


 25.2002, 23.6049,
16.2810


 69.5309, 67.3691,
53.5596

 16.3558, 15.0408,
9.5667


 91.4581, 89.2625,
73.0928

 9.8687, 8.8480,
5.0108

 117.5695,
115.4491, 96.8771

 5.3736, 4.6422,
2.1947

148.2303,
146.3135, 125.3311

 2.5051, 2.0389,
0.6713

183.8058,
182.2400, 158.8732

 0.8978, 0.6299,
0.0000

224.6616,

 0.0000, 0.0000,

223.6129, 197.9221

0.0000

271.1629,
270.8167, 242.8962

■ 36.7673, 34.9247,
25.5722

■ 36.7673, 34.9247,
25.5722

■ 33.7039, 30.6519,
18.8352

■ 40.2855, 39.7229,
33.6446

■ 31.0725, 26.8810,
13.3585

■ 44.2744, 45.0593,
43.1179

■ 28.8522, 23.5939,
9.0624


■ 48.7527, 50.9522,
54.0555


■ 27.0191, 20.7692,
5.8574


■ 53.7369, 57.4175,
66.5165

■ 25.5466, 18.3839,
3.6409


■ 59.2429, 64.4706,
80.5568

 24.4034, 16.4122,
2.2901

 65.2859, 72.1262,
96.2292

 23.7490, 15.2280,
1.6876

 70.4977, 79.8455,
106.3038

 74.2720, 87.3939,
107.5619

 75.5482, 89.9465,
107.9873

Harmonies

Analogous

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



38.9559, 34.9247, 31.1862



36.7673, 34.9247, 25.5722



33.7191, 34.9247, 23.3027

Triad

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



36.7673, 34.9247, 25.5722



27.5495, 34.9247, 36.5530



35.8088, 34.9247, 55.8925

Complementary

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



36.7673, 34.9247, 25.5722



32.9420, 37.2211, 55.3174

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.



32.6761, 34.9247, 57.9272



36.7673, 34.9247, 25.5722



28.0319, 34.9247, 45.8016

Square

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



36.7673, 34.9247, 25.5722



28.5004, 34.9247, 28.9742



29.8617, 34.9247, 53.9839



38.3785, 34.9247, 48.7929

Rectangle

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



36.7673, 34.9247, 25.5722



31.6573, 34.9247, 23.6838



29.8617, 34.9247, 53.9839



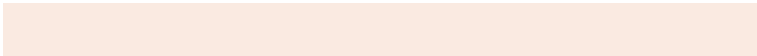
34.7814, 34.9247, 57.2344

Sweetspot

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



36.7682, 34.9263, 25.5729



82.2868, 84.3767, 83.1192



36.9394, 29.8476, 42.3426



17.4150, 17.7866, 17.2546



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.7682, 34.9263, 25.5729



62.7521, 57.9071, 37.7644



42.3266, 46.0431, 27.4257



10.3545, 10.6405, 10.5699



16.0470, 10.3798, 1.1577



0.7584, 0.5786, 0.0717

Inverse Universe

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



32.9420, 37.2211, 55.3174



54.7908, 62.6535, 99.5658



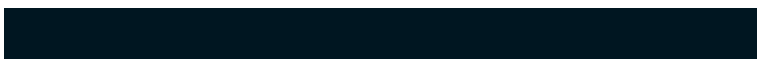
27.8733, 27.0837, 53.6278



10.0629, 10.8171, 12.8424



11.4070, 12.5705, 35.3817



0.5554, 0.6682, 1.5496

Previews

White Background



This preview shows how the XYZ color 36.7673, 34.9247, 25.5722 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 36.7673, 34.9247, 25.5722 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 36.7673, 34.9247, 25.5722

Background



This preview shows how black text looks on a background with the XYZ color 36.7673, 34.9247, 25.5722.



This preview shows how white text looks on a background with the XYZ color 36.7673, 34.9247,

25.5722.

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

36.7673, 34.9247, 25.5722

Protanopia

32.9940, 34.9247, 27.1925

Deuteranopia

35.7677, 35.1353, 25.6655



Tritanopia

39.1110, 34.9382, 37.0301

Trichromacy



Original Color

36.7673, 34.9247, 25.5722

Protanomaly

34.1848, 34.7900, 26.7432

Deuteranomaly

36.0927, 35.0588, 25.6336

Tritanomaly

38.1045, 34.7557, 32.3040

Monochromacy



Original Color

36.7673, 34.9247, 25.5722

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.4950, 35.0545, 33.3819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7673, 34.9247, 25.5722 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(192, 151, 129)` looks like.

```
.text, #text, p{  
    color:rgb(192, 151, 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(192, 151, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 151, 129) }
```

Border

The CSS property to change the border of an element to XYZ 36.7673, 34.9247, 25.5722 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(192, 151, 129) }
```


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

```
.border{ border-color:rgb(192, 151, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 151, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 151, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 151, 129);  
box-shadow:4px 4px 4px 4px rgb(192, 151,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7673, 34.9247, 25.5722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 151, 129) }
```

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

```
.background{ background-color: rgb(192,  
151, 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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