

Converting Colors

XYZ(40.2455, 36.2666, 24.6177)

Have a look what the booklet for
XYZ(40.2455, 36.2666, 24.6177)
contains.

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Color

**XYZ(40.2455, 36.2666,
24.6177)**

Conversions

Conversions Part 1

Format	Color
Hex	CF957E
RGB	207, 149, 126
RGB Percent	81%, 58%, 49%
CMY	0.1882, 0.4157, 0.5059
CMYK	0.00, 0.28, 0.39, 0.19
HSL	17°, 46%, 65%
HSV	17°, 39%, 81%
XYZ	40.2455, 36.2666, 24.6177
YIQ	163.7200, 41.9510, 5.1430

Conversions

Conversions Part 2

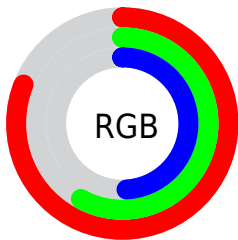
Format	Color
R _{YB}	207, 158, 126
Decimal	13604222
CIE Lab	66.72, 18.89, 20.79
CIE LCh	67, 28.090, 47.729
Yxy	36.2666, 0.3980, 0.3586
Android (android.graphics.Color)	4291794302 (0xFFCF957E)
YUV	163.7200, -18.5960, 37.9566
Hunter-Lab	60.2218, 13.9014, 17.9184

Details

The XYZ color **40.2455, 36.2666, 24.6177** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.0067, 43.2202, 65.4235**, and the grayscale version is **35.2259, 37.0604, 40.3587**.

A 20% lighter version of the original color is **70.7326, 67.2265, 51.8958**, and **18.4697, 15.8505, 9.1072** is the 20% darker color. If you saturate the color by 10%, you get **36.8481, 31.3926, 17.5633**, and if you desaturate by 10%, it is **44.2196, 41.8514, 33.2286**.

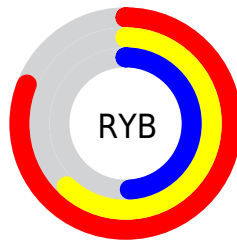
Distribution



Red (81%)

Green (58%)

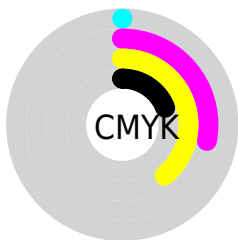
Blue (49%)



Red (81%)

Yellow (62%)

Blue (49%)

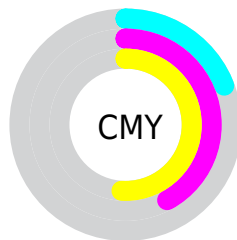


Cyan (0%)

Magenta (28%)

Yellow (39%)

Black (19%)



Cyan (19%)


Magenta (42%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2455, 36.2666, 24.6177 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 40.2455, 36.2666, 24.6177 by changing the saturation by 10% instead.


 40.2455, 36.2666,
24.6177


 40.2455, 36.2666,
24.6177

338.2739,
330.1243, 289.3152


 27.9151, 24.6402,
15.5760


 74.8192, 69.4434,
51.9927

 18.4018, 15.8092,
9.0736


 97.7931, 91.7625,
71.1632

 11.3403, 9.3892,
4.6917


 125.0456,
118.4146, 94.5470

 6.3652, 4.9959,
2.0120

156.9421,
149.7841, 122.5627

 3.1111, 2.2449,
0.5626

193.8477,
186.2555, 155.6288

 1.2128, 0.7443,
0.0000

236.1280,

 0.1164, 0.0000,

228.2130, 194.1639

0.0000

284.1483,
276.0412, 238.5865

■ 0.0000, 0.0000,
0.0000

■ 40.2455, 36.2666,
24.6177

■ 40.2455, 36.2666,
24.6177

■ 36.8481, 31.3926,
17.5633

■ 44.2196, 41.8514,
33.2286

■ 33.9962, 27.1952,
11.9689

■ 48.7940, 48.1694,
43.4800

■ 31.6598, 23.6445,
7.7310


■ 53.9940, 55.2481,
55.4525

■ 29.8045, 20.7066,
4.7308


■ 59.8429, 63.1123,
69.2207


■ 28.3911, 18.3438,
2.8290


■ 66.3626, 71.7854,
84.8547

 27.3620, 16.5093,
1.7962

 73.5740, 81.2899,
102.4210

 27.2853, 16.3716,
1.7219

 78.8297, 90.5804,
107.9367

 79.5422, 92.0054,
108.1742

Harmonies

Analogous

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



42.8268, 36.2666, 32.8012



40.2455, 36.2666, 24.6177



36.2309, 36.2666, 20.7961

Triad

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



40.2455, 36.2666, 24.6177



27.1070, 36.2666, 34.7340



37.0110, 36.2666, 66.1407

Complementary

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



40.2455, 36.2666, 24.6177



37.0067, 43.2202, 65.4235

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.



32.7677, 36.2666, 66.9549



40.2455, 36.2666, 24.6177



27.2784, 36.2666, 47.0273

Square

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



40.2455, 36.2666, 24.6177



28.7867, 36.2666, 25.7819



29.2759, 36.2666, 59.3906



40.8567, 36.2666, 57.3524

Rectangle

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



40.2455, 36.2666, 24.6177



33.3863, 36.2666, 20.5874



29.2759, 36.2666, 59.3906



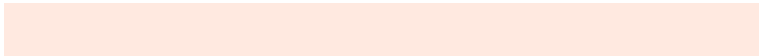
35.5775, 36.2666, 67.4126

Sweetspot

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



40.2464, 36.2683, 24.6184



83.9134, 84.9926, 82.7883



41.8502, 31.6503, 49.2786



17.7213, 17.8663, 17.1667



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.



40.2464, 36.2683, 24.6184



59.8466, 51.4593, 29.7555



47.7928, 51.3611, 27.1339



12.0783, 12.3472, 12.3587



17.2611, 10.4552, 1.1083



1.0330, 0.7204, 0.0846

Inverse Universe

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



37.0067, 43.2202, 65.4235



53.9124, 64.0764, 104.1342



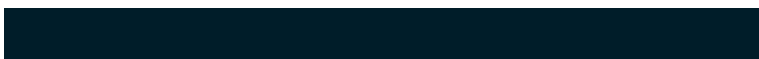
29.7723, 28.7515, 63.0120



11.8628, 12.8159, 15.0921



13.8730, 16.3925, 39.6254



0.8414, 1.0479, 2.2375

Previews

White Background



This preview shows how the XYZ color 40.2455, 36.2666, 24.6177 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 40.2455, 36.2666, 24.6177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

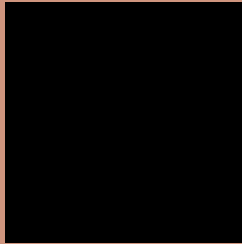
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.2455, 36.2666, 24.6177

Background



This preview shows how black text looks on a background with the XYZ color 40.2455, 36.2666, 24.6177.



This preview shows how white text looks on a background with the XYZ color 40.2455, 36.2666,

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

40.2455, 36.2666, 24.6177

Protanopia

34.0984, 36.2773, 27.0348

Deuteranopia

37.0760, 36.3340, 24.4611



Tritanopia

42.7045, 36.3527, 36.2185

Trichromacy



Original Color

40.2455, 36.2666, 24.6177

Protanomaly

36.0938, 36.0399, 26.1731

Deuteranomaly

38.1189, 36.1335, 24.3674

Tritanomaly

41.6842, 36.1574, 31.5701

Monochromacy



Original Color

40.2455, 36.2666, 24.6177

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.7255, 36.7016, 34.0026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2455, 36.2666, 24.6177 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(207, 149, 126)` looks like.

```
.text, #text, p{  
    color:rgb(207, 149, 126)  
}
```

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(207, 149, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 149, 126) }
```

Border

The CSS property to change the border of an element to XYZ 40.2455, 36.2666, 24.6177 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(207, 149, 126) }
```


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

```
.border{ border-color:rgb(207, 149, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 149, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 149, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 149, 126);  
box-shadow:4px 4px 4px 4px rgb(207, 149,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2455, 36.2666, 24.6177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 149, 126) }
```

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

```
.background{ background-color: rgb(207,  
149, 126) }
```

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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