

Converting Colors

XYZ(40.9625, 30.7861, 21.2147)

Have a look what the booklet for
XYZ(40.9625, 30.7861, 21.2147)
contains.

XYZ(40.7867, 30.6121, 21.2118)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(40.7867, 30.6121,
21.2118)**

Conversions

Conversions Part 1

Format	Color
Hex	E07877
RGB	224, 120, 119
RGB Percent	88%, 47%, 47%
CMY	0.1216, 0.5294, 0.5333
CMYK	0.00, 0.46, 0.47, 0.12
HSL	1°, 63%, 67%
HSV	1°, 47%, 88%
XYZ	40.7867, 30.6121, 21.2118
YIQ	150.9820, 62.3050, 21.7370

Conversions

Conversions Part 2

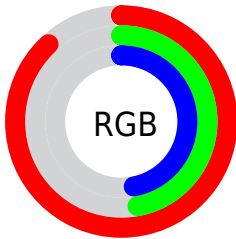
Format	Color
R_{YB}	224, 120, 119
Decimal	14710903
CIE _{Lab}	62.18, 40.16, 18.85
CIE _{LCh}	62, 44.362, 25.146
Yxy	30.6121, 0.4404, 0.3305
Android (android.graphics.Color)	4292900983 (0xFFE07877)
YUV	150.9820, -15.7671, 64.0368
Hunter-Lab	55.3282, 34.7618, 15.9991

Details

The XYZ color **40.7867, 30.6121, 21.2118** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **47.4486, 62.0761, 80.0019**, and the grayscale version is **29.4552, 30.9891, 33.7472**.

A 20% lighter version of the original color is **63.7267, 54.4724, 45.6835**, and **18.7215, 12.5885, 7.4043** is the 20% darker color. If you saturate the color by 10%, you get **37.2305, 25.4048, 14.1533**, and if you desaturate by 10%, it is **45.2796, 37.1855, 30.1470**.

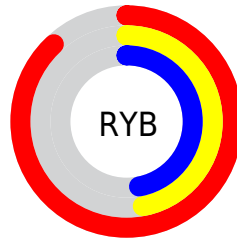
Distribution



Red (88%)

Green (47%)

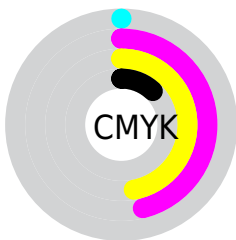
Blue (47%)



Red (88%)

Yellow (47%)

Blue (47%)

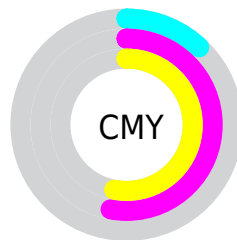


Cyan (0%)

Magenta (46%)

Yellow (47%)

Black (12%)



Cyan (12%)


Magenta (53%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.7867, 30.6121, 21.2118 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 40.7867, 30.6121, 21.2118 by changing the saturation by 10% instead.


 40.7867, 30.6121,
21.2118


 40.7867, 30.6121,
21.2118

340.5062,
304.7473, 271.2199


 28.3394, 20.3037,
13.0862


 75.6367, 60.6288,
46.3251

 18.7234, 12.6160,
7.3565


 98.7702, 81.1059,
64.1499

 11.5734, 7.1646,
3.6042


 126.1964,
105.7413, 86.0448

 6.5240, 3.5653,
1.4108

158.2807,
134.9195, 112.4283

 3.2099, 1.4335,
0.1501

195.3885,
169.0248, 143.7190

 1.2657, 0.2412,
0.0000

237.8851,

 0.1573, 0.0000,

208.4416, 180.3355

0.0000

286.1359,
253.5543, 222.6963

■ 0.0000, 0.0000,
0.0000

■ 40.7867, 30.6121,
21.2118

■ 40.7867, 30.6121,
21.2118

■ 37.2305, 25.4048,
14.1533

■ 45.2796, 37.1855,
30.1470

■ 34.5426, 21.4632,
8.8363

■ 50.7664, 45.2066,
41.0778

■ 32.6495, 18.6808,
5.1103


■ 57.3024, 54.7564,
54.1153


■ 31.4641, 16.9318,
2.7984


■ 64.9384, 65.9085,
69.3618

■ 30.8773, 16.0597,
1.6735

■ 73.7217, 78.7316,
86.9131

 30.7637, 15.8938,
1.4464

 83.6969, 93.2906,
106.8592

 84.5504, 94.5873,
108.4086

Harmonies

Analogous

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



42.1133, 30.6121, 36.1943



40.7867, 30.6121, 21.2118



36.1693, 30.6121, 12.9625

Triad

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



40.7867, 30.6121, 21.2118



20.6482, 30.6121, 17.8397



28.1343, 30.6121, 78.0516

Complementary

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



40.7867, 30.6121, 21.2118



47.4486, 62.0761, 80.0019

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.



23.0106, 30.6121, 68.2873



40.7867, 30.6121, 21.2118



19.0823, 30.6121, 30.6235

Square

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



40.7867, 30.6121, 21.2118



24.4811, 30.6121, 11.5348



19.8843, 30.6121, 49.3623



34.2570, 30.6121, 72.8785

Rectangle

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



40.7867, 30.6121, 21.2118



32.1422, 30.6121, 10.5678



19.8843, 30.6121, 49.3623



26.2484, 30.6121, 76.3331

Sweetspot

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



40.7875, 30.6137, 21.2124



79.5650, 77.3889, 77.9691



50.7919, 34.4229, 74.4881



16.5769, 15.9023, 15.7838



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.



40.7875, 30.6137, 21.2124



50.1444, 34.3716, 19.3792



48.7278, 46.4944, 23.8592



13.7177, 13.7214, 14.2323



17.9115, 9.2609, 0.8435



1.2453, 0.6494, 0.0597

Inverse Universe

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



47.4486, 62.0761, 80.0019



60.0829, 81.3285, 107.1390



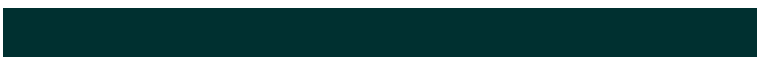
35.7200, 38.6190, 76.0924



14.1048, 15.5486, 17.6455



23.0189, 33.5073, 46.3027



1.5992, 2.3299, 3.2107

Previews

White Background



This preview shows how the XYZ color 40.7867, 30.6121, 21.2118 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 40.7867, 30.6121, 21.2118 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 40.7867, 30.6121, 21.2118

Background



This preview shows how black text looks on a background with the XYZ color 40.7867, 30.6121, 21.2118.

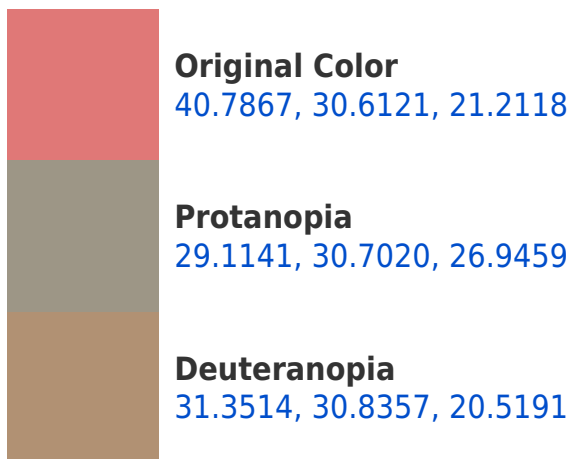


This preview shows how white text looks on a background with the XYZ color 40.7867, 30.6121,

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





Tritanopia

41.4789, 30.7335, 23.8247

Trichromacy



Original Color

40.7867, 30.6121, 21.2118

Protanomaly

32.2511, 29.8740, 24.8353

Deuteranomaly

34.2047, 30.3386, 20.5762

Tritanomaly

41.2863, 30.6564, 22.8100

Monochromacy



Original Color

40.7867, 30.6121, 21.2118

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

32.3984, 30.0852, 28.5255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7867, 30.6121, 21.2118 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(224, 120, 119)` looks like.

```
.text, #text, p{  
    color:rgb(224, 120, 119)  
}
```

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(224, 120, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 120, 119) }
```

Border

The CSS property to change the border of an element to XYZ 40.7867, 30.6121, 21.2118 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(224, 120, 119) }
```


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

```
.border{ border-color:rgb(224, 120, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 120, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 120, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 120, 119); box-shadow:4px 4px 4px 4px rgb(224, 120, 119) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7867, 30.6121, 21.2118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 120, 119) }
```

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

```
.background{ background-color: rgb(224,  
120, 119) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor