

Converting Colors

XYZ(37.6719, 31.4292, 24.1596)

Have a look what the booklet for
XYZ(37.6719, 31.4292, 24.1596)
contains.

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Color

**XYZ(37.6719, 31.4292,
24.1596)**

Conversions

Conversions Part 1

Format	Color
Hex	CE857F
RGB	206, 133, 127
RGB Percent	81%, 52%, 50%
CMY	0.1922, 0.4784, 0.5020
CMYK	0.00, 0.35, 0.38, 0.19
HSL	5°, 45%, 65%
HSV	5°, 38%, 81%
XYZ	37.6719, 31.4292, 24.1596
YIQ	154.1430, 45.4340, 13.6100

Conversions

Conversions Part 2

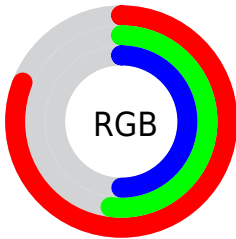
Format	Color
R _{YB}	206, 133, 127
Decimal	13534591
CIE Lab	62.87, 27.33, 14.90
CIE LCh	63, 31.127, 28.598
Yxy	31.4292, 0.4039, 0.3370
Android (android.graphics.Color)	4291724671 (0xFFCE857F)
YUV	154.1430, -13.3815, 45.4786
Hunter-Lab	56.0618, 21.8388, 13.6924

Details

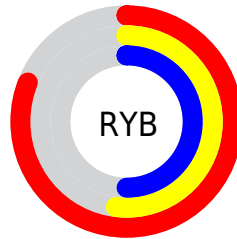
The XYZ color **37.6719, 31.4292, 24.1596** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.5463, 50.2748, 65.9595**, and the grayscale version is **30.8217, 32.4268, 35.3128**.

A 20% lighter version of the original color is **67.2485, 60.0959, 51.2353**, and **16.7869, 12.9742, 8.8272** is the 20% darker color. If you saturate the color by 10%, you get **34.0901, 26.1990, 17.0054**, and if you desaturate by 10%, it is **42.0021, 37.7167, 32.9180**.

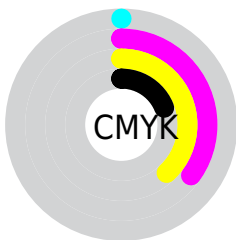
Distribution



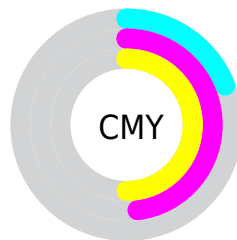
- Red (81%)
- Green (52%)
- Blue (50%)



- Red (81%)
- Yellow (52%)
- Blue (50%)



- Cyan (0%)
- Magenta (35%)
- Yellow (38%)
- Black (19%)





- Cyan (19%)
- Magenta (48%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.6719, 31.4292, 24.1596 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 37.6719, 31.4292, 24.1596 by changing the saturation by 10% instead.


 37.6719, 31.4292,
24.1596


 37.6719, 31.4292,
24.1596


327.5157,
308.5108, 286.9389


 25.9042, 20.9259,
15.2388


 70.9121, 61.9152,
51.2376

 16.8843, 13.0698,
8.8386

 93.1153, 82.6666,
70.2319

 10.2468, 7.4767,
4.5407


 119.5278,
107.6029, 93.4210

 5.6264, 3.7619,
1.9264

150.5148,
137.1085, 121.2236

 2.6578, 1.5413,
0.5095

186.4417,
171.5676, 154.0581

 0.9755, 0.3175,
0.0000


227.6739,


 0.0000, 0.0000,


211.3648, 192.3431


0.0000


274.5768,
256.8844, 236.4972


 37.6719, 31.4292,
24.1596


 37.6719, 31.4292,
24.1596


 34.0901, 26.1990,
17.0054


 42.0021, 37.7167,
32.9180

 31.2118, 21.9636,
11.3565


 47.1171, 45.1103,
43.3679

 28.9913, 18.6613,
7.1056

 53.0542, 53.6611,
55.5923

 27.3762, 16.2215,
4.1307

 59.8474, 63.4161,
69.6685

 26.3063, 14.5634,
2.2887

 67.5287, 74.4192,
85.6689

■ 25.7017, 13.5883,
1.3658

■ 76.1287, 86.7124,
103.6622

■ 25.6338, 13.4823,
1.2513

■ 79.2636, 91.8618,
108.1612

Harmonies

Analogous

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



38.8497, 31.4292, 34.7992



37.6719, 31.4292, 24.1596



34.3552, 31.4292, 17.8262

Triad

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



37.6719, 31.4292, 24.1596



23.4017, 31.4292, 23.3787



29.6722, 31.4292, 63.5013

Complementary

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



37.6719, 31.4292, 24.1596



40.5463, 50.2748, 65.9595

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.



25.7977, 31.4292, 58.4542



37.6719, 31.4292, 24.1596



22.3972, 31.4292, 33.6494

Square

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



37.6719, 31.4292, 24.1596



26.1143, 31.4292, 17.4566



23.2315, 31.4292, 46.7477



33.9750, 31.4292, 59.2795

Rectangle

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



37.6719, 31.4292, 24.1596



31.5242, 31.4292, 15.9668



23.2315, 31.4292, 46.7477



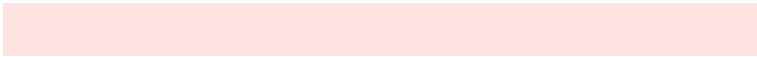
28.2795, 31.4292, 62.8141

Sweetspot

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



37.6727, 31.4307, 24.1602



82.1430, 81.4519, 82.1981



43.5544, 32.5053, 59.0726



17.3077, 17.0390, 17.0288



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.



37.6727, 31.4307, 24.1602



56.1798, 43.8344, 29.4309



43.9927, 44.0706, 26.2669



11.2797, 11.3483, 11.6754



15.8124, 8.3577, 0.7798



0.8401, 0.4799, 0.0484

Inverse Universe

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



40.5463, 50.2748, 65.9595



61.4631, 78.5605, 106.5320



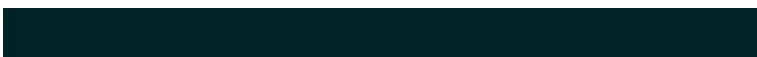
32.6789, 34.5399, 63.3370



11.4675, 12.5754, 14.3933



18.2761, 25.5762, 39.9297



0.9651, 1.3639, 2.0673

Previews

White Background



This preview shows how the XYZ color 37.6719, 31.4292, 24.1596 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 37.6719, 31.4292, 24.1596 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 37.6719, 31.4292, 24.1596

Background



This preview shows how black text looks on a background with the XYZ color 37.6719, 31.4292, 24.1596.



This preview shows how white text looks on a background with the XYZ color 37.6719, 31.4292,

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

37.6719, 31.4292, 24.1596

Protanopia

30.0417, 31.6335, 28.1894

Deuteranopia

32.2669, 31.6952, 23.8192



Tritanopia

38.6561, 31.4211, 29.2268

Trichromacy



Original Color

37.6719, 31.4292, 24.1596

Protanomaly

32.2635, 31.1744, 26.5071

Deuteranomaly

34.1779, 31.5437, 24.0258

Tritanomaly

38.4273, 31.5455, 27.3561

Monochromacy



Original Color

37.6719, 31.4292, 24.1596

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.5465, 31.4556, 30.7417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6719, 31.4292, 24.1596 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(206, 133, 127)` looks like.

```
.text, #text, p{  
    color:rgb(206, 133, 127)  
}
```

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(206, 133, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 133, 127) }
```

Border

The CSS property to change the border of an element to XYZ 37.6719, 31.4292, 24.1596 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(206, 133, 127) }
```


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

```
.border{ border-color:rgb(206, 133, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 133, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 133, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 133, 127);  
box-shadow:4px 4px 4px 4px rgb(206, 133,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6719, 31.4292, 24.1596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 133, 127) }
```

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

```
.background{ background-color: rgb(206,  
133, 127) }
```

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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