

Converting Colors

XYZ(41.3639, 40.3461, 24.6763)

Have a look what the booklet for
XYZ(41.3639, 40.3461, 24.6763)
contains.

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Color

**XYZ(41.3639, 40.3461,
24.6763)**

Conversions

Conversions Part 1

Format	Color
Hex	CBA37C
RGB	203, 163, 124
RGB Percent	80%, 64%, 49%
CMY	0.2039, 0.3608, 0.5137
CMYK	0.00, 0.20, 0.39, 0.20
HSL	30°, 43%, 64%
HSV	30°, 39%, 80%
XYZ	41.3639, 40.3461, 24.6763
YIQ	170.5140, 36.3590, -3.6490

Conversions

Conversions Part 2

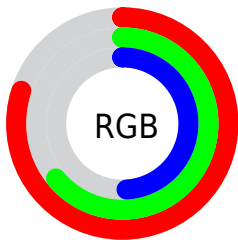
Format	Color
RYB	203, 201, 124
Decimal	13345660
CIELab	69.72, 9.44, 25.85
CIELCh	70, 27.519, 69.931
Yxy	40.3461, 0.3888, 0.3792
Android (android.graphics.Color)	4291535740 (0xFFCBA37C)
YUV	170.5140, -22.9314, 28.4902
Hunter-Lab	63.5186, 5.0834, 21.4295

Details

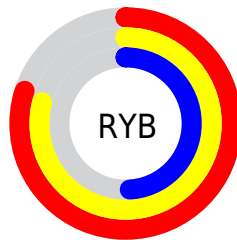
The XYZ color **41.3639, 40.3461, 24.6763** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.3668, 35.1467, 61.5780**, and the grayscale version is **38.5643, 40.5727, 44.1837**.

A 20% lighter version of the original color is **74.2472, 74.5771, 52.0765**, and **18.9871, 18.0799, 9.1457** is the 20% darker color. If you saturate the color by 10%, you get **38.4589, 36.3834, 18.0131**, and if you desaturate by 10%, it is **44.6836, 44.7150, 32.7824**.

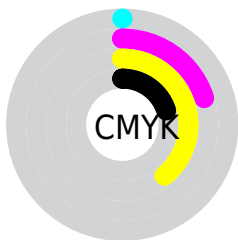
Distribution



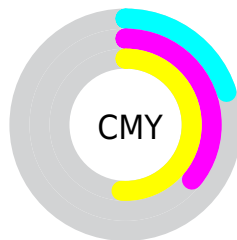
- Red (80%)
- Green (64%)
- Blue (49%)



- Red (80%)
- Yellow (79%)
- Blue (49%)



- Cyan (0%)
- Magenta (20%)
- Yellow (39%)
- Black (20%)





- Cyan (20%)
- Magenta (36%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3639, 40.3461, 24.6763 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 41.3639, 40.3461, 24.6763 by changing the saturation by 10% instead.


 41.3639, 40.3461,
24.6763


 41.3639, 40.3461,
24.6763


342.8759,
347.5802, 289.6179


 28.7925, 27.8085,
15.6192


 76.5072, 75.6903,
52.0892

 19.0674, 18.1814,
9.1037


 99.8098, 99.2656,
71.2821

 11.8233, 11.0803,
4.7111


 127.4202,
127.2890, 94.6907

 6.6948, 6.1208,
2.0230

159.7037,
160.1448, 122.7335

 3.3166, 2.9187,
0.5694

197.0256,
198.2174, 155.8291

 1.3233, 1.0894,
0.0000

239.7514,

 0.2006, 0.0000,

241.8912, 194.3960

0.0000

288.2464,
291.5507, 238.8528

■ 0.0000, 0.0000,
0.0000

■ 41.3639, 40.3461,
24.6763

■ 41.3639, 40.3461,
24.6763

■ 38.4589, 36.3834,
18.0131

■ 44.6836, 44.7150,
32.7824

■ 35.9457, 32.8076,
12.7031

■ 48.4332, 49.4971,
42.4087

■ 33.8034, 29.6060,
8.6504


■ 52.6308, 54.7063,
53.6300


■ 32.0077, 26.7629,
5.7452


■ 57.2926, 60.3543,
66.5153


■ 30.5304, 24.2606,
3.8583


■ 62.4337, 66.4520,
81.1295


 29.3275, 22.0750,
2.7784

 68.0687, 73.0101,
97.5340

 29.2075, 21.8543,
2.6789

 72.3718, 79.3028,
106.1003

 75.3989, 85.3571,
107.1094

 78.4386, 91.4365,
108.1226

Harmonies

Analogous

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



45.3008, 40.3461, 29.9861



41.3639, 40.3461, 24.6763



36.8888, 40.3461, 23.9201

Triad

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



41.3639, 40.3461, 24.6763



30.5115, 40.3461, 48.2998



44.1149, 40.3461, 65.5627

Complementary

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



41.3639, 40.3461, 24.6763



32.3668, 35.1467, 61.5780

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.



39.8446, 40.3461, 72.8073



41.3639, 40.3461, 24.6763



32.1452, 40.3461, 61.6393

Square

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



41.3639, 40.3461, 24.6763



30.8492, 40.3461, 36.0357



35.4819, 40.3461, 71.2468



46.9724, 40.3461, 52.9005

Rectangle

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



41.3639, 40.3461, 24.6763



34.2292, 40.3461, 25.9102



35.4819, 40.3461, 71.2468



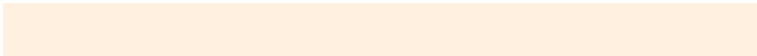
42.7841, 40.3461, 68.8138

Sweetspot

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



41.3649, 40.3480, 24.6771



85.7643, 88.6944, 83.4052



38.6114, 29.8222, 39.2315



18.1556, 18.7349, 17.3114



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.



41.3649, 40.3480, 24.6771



64.9875, 61.7409, 31.4691



49.3131, 56.2444, 27.3265



11.6621, 12.1131, 11.8028



18.6784, 14.0897, 1.7351



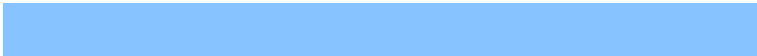
1.0395, 0.8787, 0.1148

Inverse Universe

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



32.3668, 35.1467, 61.5780



47.7668, 51.7853, 102.0857



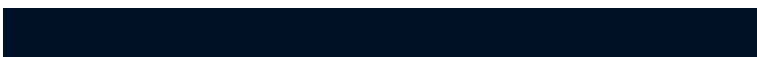
26.4659, 23.3450, 59.6111



11.0633, 11.7671, 14.2585



10.0238, 9.0715, 37.1789



0.5930, 0.6198, 1.9433

Previews

White Background



This preview shows how the XYZ color 41.3639, 40.3461, 24.6763 looks on a white background.

Color Contrast Check

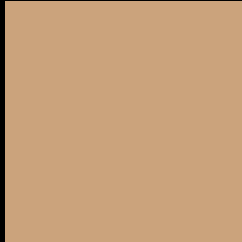
Large Text (above 18pt) WCAG AA × Fail

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 41.3639, 40.3461, 24.6763 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 41.3639, 40.3461, 24.6763

Background



This preview shows how black text looks on a background with the XYZ color 41.3639, 40.3461, 24.6763.



This preview shows how white text looks on a background with the XYZ color 41.3639, 40.3461,

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

41.3639, 40.3461, 24.6763

Protanopia

37.7339, 40.3490, 25.8780

Deuteranopia

41.0924, 40.2062, 24.6635



Tritanopia

45.2308, 40.3884, 42.9479

Trichromacy



Original Color

41.3639, 40.3461, 24.6763

Protanomaly

38.8198, 40.0909, 25.4310

Deuteranomaly

41.0924, 40.2062, 24.6635

Tritanomaly

43.6015, 40.2180, 35.6018

Monochromacy



Original Color

41.3639, 40.3461, 24.6763

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.3638, 40.4056, 36.2962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3639, 40.3461, 24.6763 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(203, 163, 124)` looks like.

```
.text, #text, p{  
    color:rgb(203, 163, 124)  
}
```

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(203, 163, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 163, 124) }
```

Border

The CSS property to change the border of an element to XYZ 41.3639, 40.3461, 24.6763 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(203, 163, 124) }
```


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

```
.border{ border-color:rgb(203, 163, 124) }
```

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

Here you see how a box with a 4 pixel rgb(203, 163, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 163, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 163, 124);  
box-shadow:4px 4px 4px 4px rgb(203, 163,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3639, 40.3461, 24.6763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 163, 124) }
```

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

```
.background{ background-color: rgb(203,  
163, 124) }
```

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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