

Converting Colors

XYZ(41.1939, 41.6026, 24.9277)

Have a look what the booklet for
XYZ(41.1939, 41.6026, 24.9277)
contains.

XYZ(41.1939, 41.6026, 24.9277)	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(41.1939, 41.6026,
24.9277)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A87C
RGB	199, 168, 124
RGB Percent	78%, 66%, 49%
CMY	0.2196, 0.3412, 0.5137
CMYK	0.00, 0.16, 0.38, 0.22
HSL	35°, 40%, 63%
HSV	35°, 38%, 78%
XYZ	41.1939, 41.6026, 24.9277
YIQ	172.2530, 32.6000, -7.1120

Conversions

Conversions Part 2

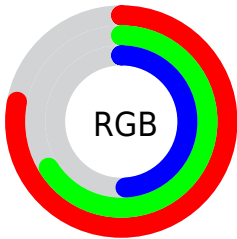
Format	Color
RYB	177, 199, 124
Decimal	13084796
CIELab	70.60, 5.13, 26.95
CIELCh	71, 27.437, 79.230
Yxy	41.6026, 0.3824, 0.3862
Android (android.graphics.Color)	4291274876 (0xFFC7A87C)
YUV	172.2530, -23.7887, 23.4571
Hunter-Lab	64.5001, 1.1265, 22.2359

Details

The XYZ color **41.1939, 41.6026, 24.9277** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.3419, 31.8502, 58.5813**, and the grayscale version is **39.4469, 41.5012, 45.1948**.

A 20% lighter version of the original color is **75.5635, 77.2097, 52.5153**, and **19.0170, 18.9281, 9.3078** is the 20% darker color. If you saturate the color by 10%, you get **38.5899, 38.2094, 18.4650**, and if you desaturate by 10%, it is **44.1500, 45.2934, 32.7616**.

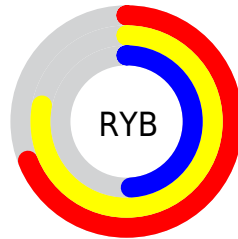
Distribution



Red (78%)

Green (66%)

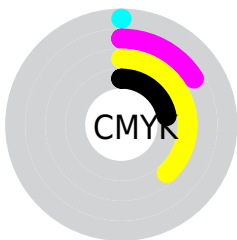
Blue (49%)



Red (69%)

Yellow (78%)

Blue (49%)

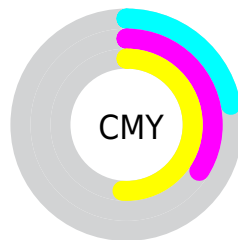


Cyan (0%)

Magenta (16%)

Yellow (38%)

Black (22%)



Cyan (22%)

Magenta (34%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1939, 41.6026, 24.9277 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 41.1939, 41.6026, 24.9277 by changing the saturation by 10% instead.

■ 41.1939, 41.6026,
24.9277

■ 41.1939, 41.6026,
24.9277

342.1791,
352.8329, 290.9138

■ 28.6590, 28.7902,
15.8047

■ 76.2510, 77.5978,
52.5026

■ 18.9660, 18.9222,
9.2332

■ 99.5039, 101.5495,
71.7915

■ 11.7495, 11.6141,
4.7947

■ 127.0601,
129.9830, 95.3061

■ 6.6444, 6.4815,
2.0707

159.2851,
163.2829, 123.4650

■ 3.2850, 3.1400,
0.5982

196.5441,
201.8334, 156.6867

■ 1.3062, 1.2053,
0.0000

239.2025,

■ 0.1879, 0.0660,

246.0189, 195.3897

0.0000

287.6258,
296.2240, 239.9925

■ 0.0000, 0.0000,
0.0000

■ 41.1939, 41.6026,
24.9277

■ 41.1939, 41.6026,
24.9277

■ 38.5899, 38.2094,
18.4650

■ 44.1500, 45.2934,
32.7616

■ 36.3178, 35.0982,
13.2894

■ 47.4709, 49.2849,
42.0390

■ 34.3597, 32.2607,
9.3116

■ 51.1724, 53.5878,
52.8299

■ 32.6945, 29.6853,
6.4293

■ 55.2683, 58.2101,
65.1992

■ 31.2978, 27.3591,
4.5230

■ 59.7716, 63.1596,
79.2078

■ 30.1349, 25.2651,
3.4205

■ 64.6947, 68.4438,
94.9135

■ 29.8864, 24.8085,
3.2133

■ 68.6839, 73.5235,
105.1792

■ 70.9686, 78.0929,
105.9407

■ 73.3620, 82.8797,
106.7385

Harmonies

Analogous

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



45.5139, 41.6026, 28.8954



41.1939, 41.6026, 24.9277



36.7390, 41.6026, 25.5735

Triad

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



41.1939, 41.6026, 24.9277



31.8670, 41.6026, 54.0312



46.5203, 41.6026, 63.6411

Complementary

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



41.1939, 41.6026, 24.9277



30.3419, 31.8502, 58.5813

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.



42.4841, 41.6026, 73.2053



41.1939, 41.6026, 24.9277



34.1168, 41.6026, 66.9652

Square

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



41.1939, 41.6026, 24.9277



31.5796, 41.6026, 40.7901



37.9349, 41.6026, 74.5264



48.7416, 41.6026, 50.1267

Rectangle

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



41.1939, 41.6026, 24.9277



34.2797, 41.6026, 28.5770



37.9349, 41.6026, 74.5264



45.3171, 41.6026, 67.5265

Sweetspot

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



41.1949, 41.6045, 24.9285



87.2710, 91.1488, 85.6307



36.6985, 28.9328, 34.7713



18.4871, 19.2864, 17.7656



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.



41.1949, 41.6045, 24.9285



68.4449, 68.0665, 34.4384



45.9903, 53.6068, 26.9925



11.1423, 11.6537, 11.2249



19.3057, 16.1285, 2.0956



0.9843, 0.9040, 0.1226

Inverse Universe

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



30.3419, 31.8502, 58.5813



46.8209, 48.6441, 101.5293



26.7612, 23.3049, 57.1207



10.4107, 10.9955, 13.4911



8.6626, 6.7191, 35.5847



0.4812, 0.4603, 1.7086

Previews

White Background



This preview shows how the XYZ color 41.1939, 41.6026, 24.9277 looks on a white background.

Color Contrast Check

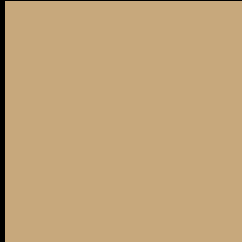
Large Text (above 18pt) WCAG AA × Fail

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 41.1939, 41.6026, 24.9277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

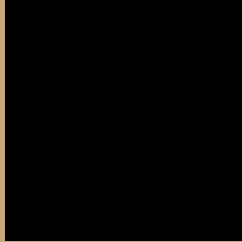
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1939, 41.6026, 24.9277

Background



This preview shows how black text looks on a background with the XYZ color 41.1939, 41.6026, 24.9277.

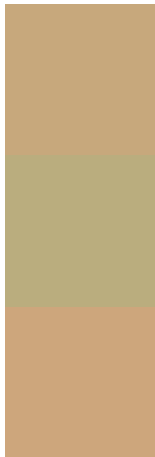


This preview shows how white text looks on a background with the XYZ color 41.1939, 41.6026,

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

41.1939, 41.6026, 24.9277

Protanopia

38.9592, 41.8326, 25.7598

Deuteranopia

42.4511, 41.7068, 24.8816



Tritanopia

45.2867, 41.3831, 45.6453

Trichromacy



Original Color

41.1939, 41.6026, 24.9277

Protanomaly

39.7504, 41.6829, 25.3526

Deuteranomaly

42.0854, 41.7892, 24.9168

Tritanomaly

43.6333, 41.5078, 37.1646

Monochromacy



Original Color

41.1939, 41.6026, 24.9277

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.7707, 41.4375, 36.9124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1939, 41.6026, 24.9277 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(199, 168, 124)` looks like.

```
.text, #text, p{  
    color:rgb(199, 168, 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(199, 168, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 168, 124) }
```

Border

The CSS property to change the border of an element to XYZ 41.1939, 41.6026, 24.9277 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(199, 168, 124) }
```


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

```
.border{ border-color:rgb(199, 168, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 168, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 168, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 168, 124);  
box-shadow:4px 4px 4px 4px rgb(199, 168,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1939, 41.6026, 24.9277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 168, 124) }
```

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

```
.background{ background-color: rgb(199,  
168, 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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