

Converting Colors

XYZ(41.4342, 40.7482, 25.9327)

Have a look what the booklet for
XYZ(41.4342, 40.7482, 25.9327)
contains.

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Color

**XYZ(41.2591, 40.5269,
26.0700)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A480
RGB	201, 164, 128
RGB Percent	79%, 64%, 50%
CMY	0.2118, 0.3568, 0.4980
CMYK	0.00, 0.18, 0.36, 0.21
HSL	30°, 40%, 65%
HSV	30°, 36%, 79%
XYZ	41.2591, 40.5269, 26.0700
YIQ	170.9590, 33.6080, -3.3520

Conversions

Conversions Part 2

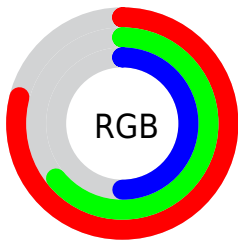
Format	Color
RYB	201, 199, 128
Decimal	13214848
CIELab	69.84, 8.57, 23.81
CIELCh	70, 25.310, 70.204
Yxy	40.5269, 0.3825, 0.3758
Android (android.graphics.Color)	4291404928 (0xFFC9A480)
YUV	170.9590, -21.1788, 26.3460
Hunter-Lab	63.6607, 4.2812, 20.2824

Details

The XYZ color **41.2591, 40.5269, 26.0700** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.8994, 35.7153, 60.4181**, and the grayscale version is **38.7801, 40.7997, 44.4309**.

A 20% lighter version of the original color is **74.9120, 75.2592, 54.2943**, and **19.0234, 18.2494, 9.7276** is the 20% darker color. If you saturate the color by 10%, you get **38.3146, 36.5495, 19.1953**, and if you desaturate by 10%, it is **44.6138, 44.9050, 34.3753**.

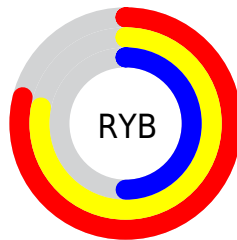
Distribution



Red (79%)

Green (64%)

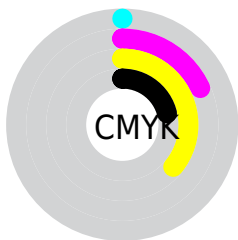
Blue (50%)



Red (79%)

Yellow (78%)

Blue (50%)

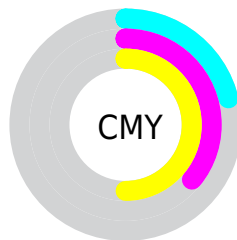


Cyan (0%)

Magenta (18%)

Yellow (36%)

Black (21%)



Cyan (21%)


Magenta (36%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2591, 40.5269, 26.0700 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 41.2591, 40.5269, 26.0700 by changing the saturation by 10% instead.


 41.2591, 40.5269,
26.0700


 41.2591, 40.5269,
26.0700


342.4465,
348.3394, 296.7419

 28.7102, 27.9496,
16.6498


 76.3493, 75.9652,
54.3733

 19.0048, 18.2877,
9.8258


 99.6212, 99.5950,
74.0935

 11.7778, 11.1567,
5.1795


 127.1982,
127.6777, 98.0841

 6.6637, 6.1723,
2.2924

159.4457,
160.5978, 126.7636

 3.2971, 2.9502,
0.7270

196.7288,
198.7396, 160.5506

 1.3128, 1.1058,
0.0000

239.4131,

 0.1927, 0.0000,

242.4875, 199.8637

0.0000

287.8639,
292.2260, 245.1212

■ 0.0000, 0.0000,
0.0000

■ 41.2591, 40.5269,
26.0700

■ 41.2591, 40.5269,
26.0700

■ 38.3146, 36.5495,
19.1953

■ 44.6138, 44.9050,
34.3753

■ 35.7582, 32.9541,
13.6656

■ 48.3932, 49.6904,
44.1849

■ 33.5704, 29.7286,
9.3901


■ 52.6147, 54.8967,
55.5706


■ 31.7278, 26.8579,
6.2653


■ 57.2938, 60.5350,
68.5986


■ 30.2043, 24.3255,
4.1709

■ 62.4452, 66.6159,
83.3313


 28.9669, 22.1116,
2.9538

 68.0829, 73.1497,
99.8280

 28.5620, 21.3668,
2.6188

 71.9347, 79.2321,
106.1097

 74.9403, 85.2434,
107.1116

 77.8974, 91.1575,
108.0973

Harmonies

Analogous

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



44.8776, 40.5269, 31.0674



41.2591, 40.5269, 26.0700



37.1361, 40.5269, 25.3863

Triad

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



41.2591, 40.5269, 26.0700



31.2520, 40.5269, 48.2602



43.8508, 40.5269, 63.7731

Complementary

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



41.2591, 40.5269, 26.0700



32.8994, 35.7153, 60.4181

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.



39.9370, 40.5269, 70.3671



41.2591, 40.5269, 26.0700



32.7924, 40.5269, 60.4127

Square

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



41.2591, 40.5269, 26.0700



31.5505, 40.5269, 36.8956



35.9041, 40.5269, 69.0384



46.4460, 40.5269, 52.2462

Rectangle

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



41.2591, 40.5269, 26.0700



34.6782, 40.5269, 27.3113



35.9041, 40.5269, 69.0384



42.6347, 40.5269, 66.7255

Sweetspot

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



41.2601, 40.5288, 26.0708



86.4898, 89.5864, 85.3703



38.6638, 30.5991, 39.8090



18.3009, 18.9140, 17.7035



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.



41.2601, 40.5288, 26.0708



66.4085, 63.6885, 34.7002



48.5879, 55.1843, 28.5134



11.0586, 11.4864, 11.1970



18.0501, 13.6173, 1.6771



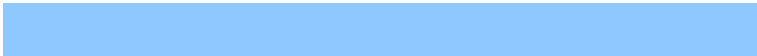
0.9271, 0.7897, 0.1036

Inverse Universe

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



32.8994, 35.7153, 60.4181



49.9191, 54.1939, 102.4372



27.3240, 24.5644, 58.5596



10.4935, 11.1611, 13.5187



9.6998, 8.7935, 35.9304



0.5317, 0.5612, 1.7254

Previews

White Background



This preview shows how the XYZ color 41.2591, 40.5269, 26.0700 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 41.2591, 40.5269, 26.0700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

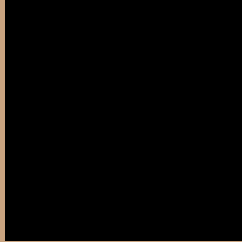
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2591, 40.5269, 26.0700

Background



This preview shows how black text looks on a background with the XYZ color 41.2591, 40.5269, 26.0700.



This preview shows how white text looks on a background with the XYZ color 41.2591, 40.5269,

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

41.2591, 40.5269, 26.0700

Protanopia

38.1881, 40.8318, 27.3413

Deuteranopia

41.2591, 40.5269, 26.0700



Tritanopia

44.6594, 40.3351, 43.4619

Trichromacy



Original Color

41.2591, 40.5269, 26.0700

Protanomaly

39.2671, 40.5641, 26.8792

Deuteranomaly

41.2591, 40.5269, 26.0700

Tritanomaly

43.3890, 40.3455, 36.5110

Monochromacy



Original Color

41.2591, 40.5269, 26.0700

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.2104, 40.3169, 36.7257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2591, 40.5269, 26.0700 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(201, 164, 128)` looks like.

```
.text, #text, p{  
    color:rgb(201, 164, 128)  
}
```

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(201, 164, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 164, 128) }
```

Border

The CSS property to change the border of an element to XYZ 41.2591, 40.5269, 26.0700 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(201, 164, 128) }
```


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

```
.border{ border-color:rgb(201, 164, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 164, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 164, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 164, 128); box-shadow:4px 4px 4px 4px rgb(201, 164, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2591, 40.5269, 26.0700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 164, 128) }
```

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

```
.background{ background-color: rgb(201,  
164, 128) }
```

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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