

Converting Colors

XYZ(41.9800, 41.1653, 26.1552)

Have a look what the booklet for
XYZ(41.9800, 41.1653, 26.1552)
contains.

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Color

**XYZ(41.9800, 41.1653,
26.1552)**

Conversions

Conversions Part 1

Format	Color
Hex	CBA580
RGB	203, 165, 128
RGB Percent	80%, 65%, 50%
CMY	0.2039, 0.3529, 0.4980
CMYK	0.00, 0.19, 0.37, 0.20
HSL	30°, 42%, 65%
HSV	30°, 37%, 80%
XYZ	41.9800, 41.1653, 26.1552
YIQ	172.1440, 34.5250, -3.4510

Conversions

Conversions Part 2

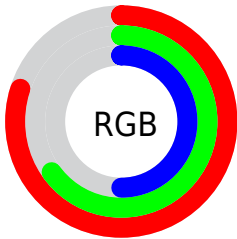
Format	Color
R_{YB}	203, 201, 128
Decimal	13346176
CIE _{Lab}	70.29, 8.83, 24.45
CIE _{LCh}	70, 25.998, 70.143
Yxy	41.1653, 0.3841, 0.3766
Android (android.graphics.Color)	4291536256 (0xFFCBA580)
YUV	172.1440, -21.7630, 27.0607
Hunter-Lab	64.1602, 4.5122, 20.7423

Details

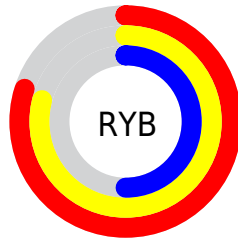
The XYZ color **41.9800, 41.1653, 26.1552** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.3173, 36.1721, 61.7258**, and the grayscale version is **39.3810, 41.4319, 45.1193**.

A 20% lighter version of the original color is **75.1737, 75.7826, 54.3815**, and **19.3129, 18.5634, 9.7729** is the 20% darker color. If you saturate the color by 10%, you get **38.9945, 37.1229, 19.2144**, and if you desaturate by 10%, it is **45.3841, 45.6169, 34.5552**.

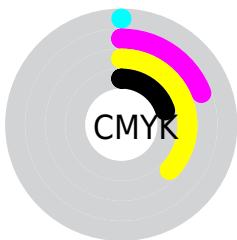
Distribution



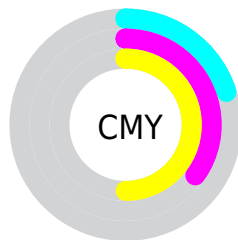
- Red (80%)
- Green (65%)
- Blue (50%)



- Red (80%)
- Yellow (79%)
- Blue (50%)



- Cyan (0%)
- Magenta (19%)
- Yellow (37%)
- Black (20%)





- Cyan (20%)
- Magenta (35%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9800, 41.1653, 26.1552 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 41.9800, 41.1653, 26.1552 by changing the saturation by 10% instead.


 41.9800, 41.1653,
26.1552


 41.9800, 41.1653,
26.1552


345.3931,
351.0110, 297.1728

 29.2767, 28.4483,
16.7130


 77.4347, 76.9348,
54.5124

 19.4356, 18.6638,
9.8703


 100.9168,
100.7560, 74.2644

 12.0913, 11.4276,
5.2086


 128.7225,
129.0474, 98.2901

 6.8785, 6.3552,
2.3093

161.2172,
162.1934, 127.0080

 3.4319, 3.0623,
0.7364

198.7663,
200.5783, 160.8367

 1.3861, 1.1643,
0.0000

241.7350,

 0.2463, 0.0323,

244.5867, 200.1947

0.0000

290.4888,
294.6028, 245.5006

■ 0.0000, 0.0000,
0.0000

■ 41.9800, 41.1653,
26.1552

■ 41.9800, 41.1653,
26.1552

■ 38.9945, 37.1229,
19.2144

■ 45.3841, 45.6169,
34.5552

■ 36.4049, 33.4704,
13.6448

■ 49.2218, 50.4845,
44.4905

■ 34.1910, 30.1955,
9.3524


■ 53.5110, 55.7820,
56.0347


■ 32.3289, 27.2826,
6.2305


■ 58.2676, 61.5208,
69.2561


■ 30.7913, 24.7145,
4.1544


■ 63.5067, 67.7119,
84.2189


 29.5428, 22.4705,
2.9583

 69.2426, 74.3657,
100.9839

 29.2010, 21.8414,
2.6767

 72.9610, 80.4813,
106.2967

 76.0244, 86.6082,
107.3179

 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.



45.7394, 41.1653, 31.3161



41.9800, 41.1653, 26.1552



37.6993, 41.1653, 25.4426

Triad

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



41.9800, 41.1653, 26.1552



31.5930, 41.1653, 49.0885



44.6577, 41.1653, 65.2905

Complementary

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



41.9800, 41.1653, 26.1552



33.3173, 36.1721, 61.7258

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.



40.5890, 41.1653, 72.1588



41.9800, 41.1653, 26.1552



33.1836, 41.1653, 61.7411

Square

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



41.9800, 41.1653, 26.1552



31.9059, 41.1653, 37.3049



36.4051, 41.1653, 70.7533



47.3615, 41.1653, 53.2867

Rectangle

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



41.9800, 41.1653, 26.1552



35.1494, 41.1653, 27.4181



36.4051, 41.1653, 70.7533



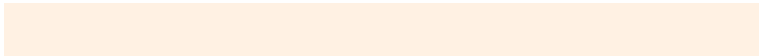
43.3926, 41.1653, 68.3672

Sweetspot

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



41.9810, 41.1672, 26.1560



86.4913, 89.5895, 85.3708



39.3000, 30.9160, 40.3346



18.3013, 18.9147, 17.7036



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.



41.9810, 41.1672, 26.1560



66.4132, 63.6979, 34.7018



49.5869, 56.3788, 28.6913



11.6618, 12.1125, 11.8027



18.6743, 14.0815, 1.7338



1.0393, 0.8783, 0.1147

Inverse Universe

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



33.3173, 36.1721, 61.7258



49.9144, 54.1843, 102.4356



27.5652, 24.6680, 59.8084



11.0636, 11.7677, 14.2586



10.0280, 9.0800, 37.1804



0.5932, 0.6202, 1.9434

Previews

White Background



This preview shows how the XYZ color 41.9800, 41.1653, 26.1552 looks on a white background.

Color Contrast Check

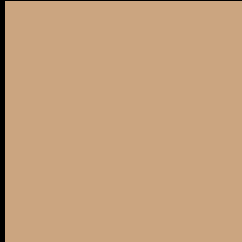
Large Text (above 18pt) WCAG AA × Fail

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 41.9800, 41.1653, 26.1552 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 41.9800, 41.1653, 26.1552

Background



This preview shows how black text looks on a background with the XYZ color 41.9800, 41.1653, 26.1552.



This preview shows how white text looks on a background with the XYZ color 41.9800, 41.1653,

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

41.9800, 41.1653, 26.1552

Protanopia

38.6164, 41.3341, 27.4157

Deuteranopia

41.9800, 41.1653, 26.1552



Tritanopia

45.4809, 41.0019, 44.0451

Trichromacy



Original Color

41.9800, 41.1653, 26.1552

Protanomaly

39.7031, 41.0640, 26.9527

Deuteranomaly

41.9800, 41.1653, 26.1552

Tritanomaly

44.1149, 40.9781, 36.5948

Monochromacy



Original Color

41.9800, 41.1653, 26.1552

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.7172, 40.8435, 37.2428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9800, 41.1653, 26.1552 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, 165, 128)` looks like.

```
.text, #text, p{  
    color:rgb(203, 165, 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(203, 165, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 165, 128) }
```

Border

The CSS property to change the border of an element to XYZ 41.9800, 41.1653, 26.1552 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, 165, 128) }
```


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

```
.border{ border-color:rgb(203, 165, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 165, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 165, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 165, 128);  
box-shadow:4px 4px 4px 4px rgb(203, 165,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9800, 41.1653, 26.1552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 165, 128) }
```

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

```
.background{ background-color: rgb(203,  
165, 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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