

Converting Colors

XYZ(44.4203, 41.5930, 18.7391)

Have a look what the booklet for
XYZ(44.4203, 41.5930, 18.7391)
contains.

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Color

**XYZ(44.4570, 41.5493,
18.7734)**

Conversions

Conversions Part 1

Format	Color
Hex	DBA168
RGB	219, 161, 104
RGB Percent	86%, 63%, 41%
CMY	0.1412, 0.3686, 0.5921
CMYK	0.00, 0.26, 0.53, 0.14
HSL	30°, 61%, 63%
HSV	30°, 53%, 86%
XYZ	44.4570, 41.5493, 18.7734
YIQ	171.8440, 52.8650, -5.4310

Conversions

Conversions Part 2

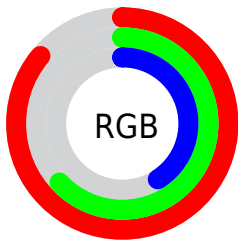
Format	Color
R_{YB}	219, 217, 104
Decimal	14393704
CIE _{Lab}	70.56, 15.02, 37.92
CIE _{LCh}	71, 40.792, 68.387
Yxy	41.5493, 0.4243, 0.3965
Android (android.graphics.Color)	4292583784 (0xFFDBA168)
YUV	171.8440, -33.4471, 41.3558
Hunter-Lab	64.4587, 10.3081, 27.8531

Details

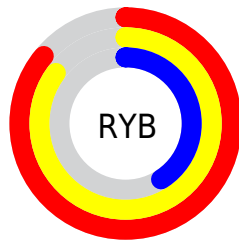
The XYZ color **44.4570, 41.5493, 18.7734** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.4148, 33.8968, 71.9046**, and the grayscale version is **39.2798, 41.3254, 45.0034**.

A 20% lighter version of the original color is **71.7966, 72.7720, 41.7148**, and **20.8562, 18.7902, 6.1421** is the 20% darker color. If you saturate the color by 10%, you get **41.6404, 37.4712, 13.0410**, and if you desaturate by 10%, it is **47.7349, 46.0880, 26.0854**.

Distribution



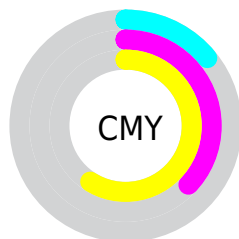
- Red (86%)
- Green (63%)
- Blue (41%)



- Red (86%)
- Yellow (85%)
- Blue (41%)



- Cyan (0%)
- Magenta (26%)
- Yellow (53%)
- Black (14%)



- Cyan (14%)
- Magenta (37%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4570, 41.5493, 18.7734 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 44.4570, 41.5493, 18.7734 by changing the saturation by 10% instead.

■ 44.4570, 41.5493,
18.7734

■ 44.4570, 41.5493,
18.7734

355.3907,
352.6112, 257.5758

■ 31.2294, 28.7485,
11.3315

■ 81.1471, 77.5171,
42.1824

■ 20.9263, 18.8907,
6.1733

■ 105.3403,
101.4528, 58.9867

■ 13.1823, 11.5913,
2.8803

■ 133.9193,
129.8691, 79.7487

■ 7.6320, 6.4660,
1.0338

■ 167.2497,
163.1502, 104.8872

■ 3.9102, 3.1305,
0.0000

205.6966,
201.6806, 134.8206

■ 1.6515, 1.2002,
0.0000

249.6255,

■ 0.4256, 0.0619,

245.8446, 169.9675

0.0000

299.4018,
296.0267, 210.7464

■ 0.0000, 0.0000,
0.0000

■ 44.4570, 41.5493,
18.7734

■ 44.4570, 41.5493,
18.7734

■ 41.6404, 37.4712,
13.0410

■ 47.7349, 46.0880,
26.0854

■ 39.2549, 33.8297,
8.7638

■ 51.4959, 51.0978,
35.0835

■ 37.2707, 30.6072,
5.8028

■ 55.7635, 56.5963,
45.8676

■ 35.6513, 27.7814,
3.9894

■ 60.5587, 62.5983,
58.5290

■ 34.6349, 25.9031,
3.1743

■ 65.9014, 69.1178,
73.1529

■ 71.8102, 76.1681,
89.8190

■ 77.9298, 83.6130,
106.6393

■ 81.2503, 90.2540,
107.7462

■ 83.0233, 93.8000,
108.3372

Harmonies

Analogous

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



50.5392, 41.5493, 25.8929



44.4570, 41.5493, 18.7734



37.6319, 41.5493, 17.5699

Triad

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



44.4570, 41.5493, 18.7734



28.0130, 41.5493, 50.8699



48.0933, 41.5493, 80.9918

Complementary

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



44.4570, 41.5493, 18.7734



31.4148, 33.8968, 71.9046

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.



41.4111, 41.5493, 92.7579



44.4570, 41.5493, 18.7734



30.1837, 41.5493, 72.4072

Square

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



44.4570, 41.5493, 18.7734



28.6316, 41.5493, 32.9059



34.9100, 41.5493, 89.2347



52.7992, 41.5493, 60.3255

Rectangle

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



44.4570, 41.5493, 18.7734



33.6477, 41.5493, 19.8231



34.9100, 41.5493, 89.2347



45.9753, 41.5493, 86.3523

Sweetspot

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



44.4580, 41.5513, 18.7742



82.9470, 85.2129, 75.8283



40.8122, 27.6204, 38.0270



17.4522, 17.8615, 15.4322



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.



44.4580, 41.5513, 18.7742



58.4090, 52.3402, 17.6964



56.5464, 65.7281, 22.8037



13.5865, 14.1123, 13.7334



20.6463, 15.5781, 1.9187



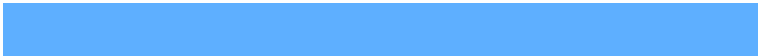
1.4237, 1.1815, 0.1530

Inverse Universe

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



31.4148, 33.8968, 71.9046



38.1034, 40.4210, 100.4015



23.6409, 18.3489, 69.3133



12.8786, 13.6970, 16.6171



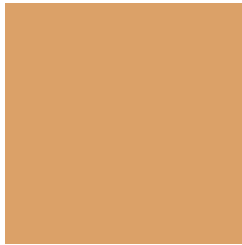
11.0260, 9.9215, 41.0723



0.8005, 0.8151, 2.6896

Previews

White Background



This preview shows how the XYZ color 44.4570, 41.5493, 18.7734 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 44.4570, 41.5493, 18.7734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

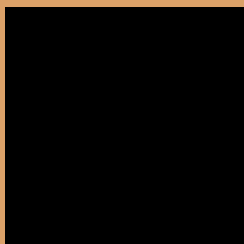
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4570, 41.5493, 18.7734

Background



This preview shows how black text looks on a background with the XYZ color 44.4570, 41.5493, 18.7734.



This preview shows how white text looks on a background with the XYZ color 44.4570, 41.5493,

18.7734.

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

44.4570, 41.5493, 18.7734

Protanopia

38.4429, 41.6826, 20.4874

Deuteranopia

42.4817, 41.5912, 18.6208



Tritanopia

48.9232, 41.3464, 40.9994

Trichromacy



Original Color

44.4570, 41.5493, 18.7734

Protanomaly

40.3950, 41.5796, 19.8065

Deuteranomaly

43.1642, 41.6763, 18.6013

Tritanomaly

46.9706, 41.2897, 31.4807

Monochromacy



Original Color

44.4570, 41.5493, 18.7734

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.2554, 40.9307, 33.3825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4570, 41.5493, 18.7734 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(219, 161, 104)` looks like.

```
.text, #text, p{  
    color:rgb(219, 161, 104)  
}
```

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(219, 161, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 161, 104) }
```

Border

The CSS property to change the border of an element to XYZ 44.4570, 41.5493, 18.7734 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(219, 161, 104) }
```


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

```
.border{ border-color:rgb(219, 161, 104) }
```

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

Here you see how a box with a 4 pixel rgb(219, 161, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 161, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 161, 104);  
box-shadow:4px 4px 4px 4px rgb(219, 161,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4570, 41.5493, 18.7734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 161, 104) }
```

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

```
.background{ background-color: rgb(219,  
161, 104) }
```

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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