

Converting Colors

XYZ(41.2386, 41.3720, 30.6215)

Have a look what the booklet for
XYZ(41.2386, 41.3720, 30.6215)
contains.

XYZ(41.2419, 41.5008, 30.6477)	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(41.2419, 41.5008,
30.6477)**

Conversions

Conversions Part 1

Format	Color
Hex	C3A88C
RGB	195, 168, 140
RGB Percent	76%, 66%, 55%
CMY	0.2353, 0.3412, 0.4510
CMYK	0.00, 0.14, 0.28, 0.24
HSL	31°, 31%, 66%
HSV	31°, 28%, 76%
XYZ	41.2419, 41.5008, 30.6477
YIQ	172.8810, 25.0800, -2.9840

Conversions

Conversions Part 2

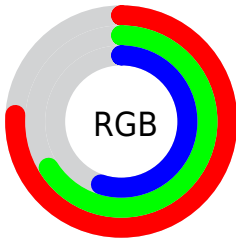
Format	Color
RYB	193, 195, 140
Decimal	12822668
CIELab	70.53, 5.58, 18.11
CIElCh	71, 18.950, 72.879
Yxy	41.5008, 0.3637, 0.3660
Android (android.graphics.Color)	4291012748 (0xFFC3A88C)
YUV	172.8810, -16.2103, 19.3984
Hunter-Lab	64.4211, 1.5374, 16.8882

Details

The XYZ color **41.2419, 41.5008, 30.6477** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.4839, 37.1519, 56.9834**, and the grayscale version is **39.7318, 41.8009, 45.5212**.

A 20% lighter version of the original color is **76.2702, 77.3658, 61.9522**, and **19.0754, 18.8917, 12.3139** is the 20% darker color. If you saturate the color by 10%, you get **38.2274, 37.5723, 23.1666**, and if you desaturate by 10%, it is **44.6435, 45.7952, 39.5159**.

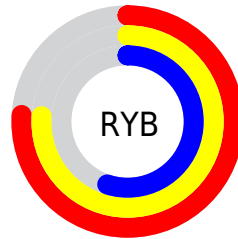
Distribution



Red (76%)

Green (66%)

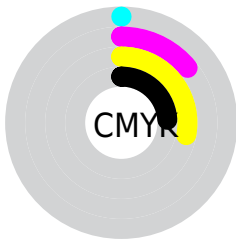
Blue (55%)



Red (76%)

Yellow (76%)

Blue (55%)

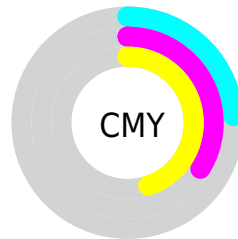


Cyan (0%)

Magenta (14%)

Yellow (28%)

Black (24%)



Cyan (24%)


Magenta (34%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2419, 41.5008, 30.6477 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 41.2419, 41.5008, 30.6477 by changing the saturation by 10% instead.


 41.2419, 41.5008,
30.6477


 41.2419, 41.5008,
30.6477


342.3760,
352.4094, 319.2128


 28.6967, 28.7106,
20.0745


 76.3234, 77.4435,
61.7580

 18.9946, 18.8620,
12.2646


 99.5903, 101.3649,
83.1323

 11.7704, 11.5706,
6.7994


 127.1618,
129.7654, 108.9440

 6.6586, 6.4520,
3.2604

159.4033,
163.0295, 139.6116

 3.2939, 3.1218,
1.2291

196.6801,
201.5415, 175.5538

 1.3110, 1.1957,
0.0026

239.3576,

 0.1915, 0.0582,

245.6859, 217.1890

0.0000

287.8011,
295.8471, 264.9358

■ 0.0000, 0.0000,
0.0000

■ 41.2419, 41.5008,
30.6477

■ 41.2419, 41.5008,
30.6477

■ 38.2274, 37.5723,
23.1666

■ 44.6435, 45.7952,
39.5159

■ 35.5804, 33.9931,
16.9983

■ 48.4442, 50.4601,
49.8351

■ 33.2846, 30.7534,
12.0652

■ 52.6591, 55.5074,
61.6684

■ 31.3207, 27.8408,
8.2807

■ 57.3020, 60.9465,
75.0744

■ 29.6670, 25.2416,
5.5463

■ 62.3855, 66.7865,
90.1084

■ 28.2988, 22.9409,
3.7472

■ 67.5980, 72.9066,
105.1173

■ 27.1792, 20.9184,
2.7057

■ 70.2651, 78.2409,
106.0064

■ 26.9949, 20.5804,
2.5496

■ 73.0797, 83.8700,
106.9446

■ 76.0439, 89.7985,
107.9327

Harmonies

Analogous

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



44.0173, 41.5008, 34.4538



41.2419, 41.5008, 30.6477



38.1202, 41.5008, 30.3938

Triad

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



41.2419, 41.5008, 30.6477



33.8695, 41.5008, 49.1352



43.6796, 41.5008, 59.0166

Complementary

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



41.2419, 41.5008, 30.6477



34.4839, 37.1519, 56.9834

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.



40.8007, 41.5008, 64.1381



41.2419, 41.5008, 30.6477



35.2013, 41.5008, 57.9464

Square

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



41.2419, 41.5008, 30.6477



33.9736, 41.5008, 40.3053



37.7016, 41.5008, 63.7224



45.4749, 41.5008, 50.4485

Rectangle

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



41.2419, 41.5008, 30.6477



36.2704, 41.5008, 32.2138



37.7016, 41.5008, 63.7224



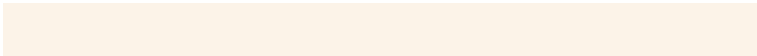
42.8002, 41.5008, 61.2461

Sweetspot

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



41.2430, 41.5027, 30.6486



86.8219, 90.4447, 89.4148



38.9054, 33.1673, 41.1538



18.7740, 19.5162, 18.9218



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.



41.2430, 41.5027, 30.6486



70.3735, 69.8070, 46.1389



46.7546, 52.5259, 32.4858



10.4876, 10.9067, 10.6143



17.6296, 13.5449, 1.6852



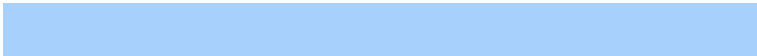
0.8306, 0.7230, 0.0958

Inverse Universe

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



34.4839, 37.1519, 56.9834



56.2360, 60.7074, 101.2235



30.0441, 28.2723, 55.5034



9.9273, 10.5460, 12.7972



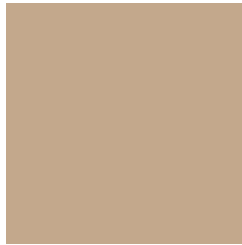
9.1875, 8.1316, 34.6419



0.4660, 0.4893, 1.5198

Previews

White Background



This preview shows how the XYZ color 41.2419, 41.5008, 30.6477 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 41.2419, 41.5008, 30.6477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

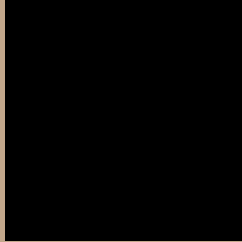
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2419, 41.5008, 30.6477

Background



This preview shows how black text looks on a background with the XYZ color 41.2419, 41.5008, 30.6477.



This preview shows how white text looks on a background with the XYZ color 41.2419, 41.5008,

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

41.2419, 41.5008, 30.6477

Protanopia

39.1634, 41.5253, 31.5422

Deuteranopia

42.1893, 41.4452, 30.5871



Tritanopia

44.4869, 41.4711, 46.7343

Trichromacy



Original Color

41.2419, 41.5008, 30.6477

Protanomaly

39.8641, 41.6137, 31.1305

Deuteranomaly

41.8410, 41.5366, 30.6231

Tritanomaly

43.3547, 41.5604, 40.3872

Monochromacy



Original Color

41.2419, 41.5008, 30.6477

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.0520, 41.5228, 39.6219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2419, 41.5008, 30.6477 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(195, 168, 140)` looks like.

```
.text, #text, p{  
    color:rgb(195, 168, 140)  
}
```

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(195, 168, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 168, 140) }
```

Border

The CSS property to change the border of an element to XYZ 41.2419, 41.5008, 30.6477 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(195, 168, 140) }
```


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

```
.border{ border-color:rgb(195, 168, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 168, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 168, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 168, 140);  
box-shadow:4px 4px 4px 4px rgb(195, 168,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2419, 41.5008, 30.6477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 168, 140) }
```

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

```
.background{ background-color: rgb(195,  
168, 140) }
```

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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