

Converting Colors

XYZ(42.6183, 42.5039, 33.1621)

Have a look what the booklet for
XYZ(42.6183, 42.5039, 33.1621)
contains.

XYZ(42.6650, 42.4570, 33.1405)	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(42.6650, 42.4570,
33.1405)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A992
RGB	198, 169, 146
RGB Percent	78%, 66%, 57%
CMY	0.2235, 0.3372, 0.4274
CMYK	0.00, 0.15, 0.26, 0.22
HSL	27°, 31%, 67%
HSV	27°, 26%, 78%
XYZ	42.6650, 42.4570, 33.1405
YIQ	175.0490, 24.6670, -1.0050

Conversions

Conversions Part 2

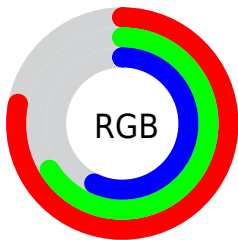
Format	Color
R_{YB}	198, 187, 146
Decimal	13019538
CIE _{Lab}	71.18, 7.04, 15.79
CIE _{LCh}	71, 17.284, 65.962
Yxy	42.4570, 0.3608, 0.3590
Android (android.graphics.Color)	4291209618 (0xFFC6A992)
YUV	175.0490, -14.3212, 20.1280
Hunter-Lab	65.1590, 2.8504, 15.4559

Details

The XYZ color **42.6650, 42.4570, 33.1405** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.3768, 40.8472, 59.3407**, and the grayscale version is **40.8367, 42.9634, 46.7871**.

A 20% lighter version of the original color is **78.3210, 78.7414, 65.7142**, and **19.7545, 19.3884, 13.5276** is the 20% darker color. If you saturate the color by 10%, you get **39.2885, 37.9588, 25.0629**, and if you desaturate by 10%, it is **46.4841, 47.4127, 42.6826**.

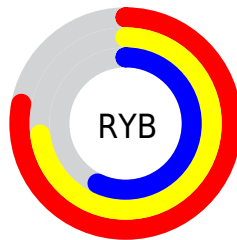
Distribution



Red (78%)

Green (66%)

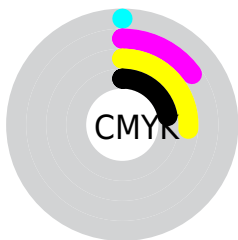
Blue (57%)



Red (78%)

Yellow (73%)

Blue (57%)

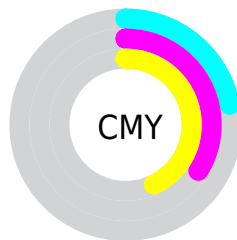


Cyan (0%)

Magenta (15%)

Yellow (26%)

Black (22%)



Cyan (22%)


Magenta (34%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.6650, 42.4570, 33.1405 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 42.6650, 42.4570, 33.1405 by changing the saturation by 10% instead.


 42.6650, 42.4570,
33.1405


 42.6650, 42.4570,
33.1405


348.1772,
356.3739, 330.9338

 29.8157, 29.4593,
21.9621


 78.4640, 78.8908,
65.7134

 19.8461, 19.4285,
13.6310


 102.1444,
103.0957, 87.9449

 12.3909, 11.9803,
7.7287

130.1659,
131.8051, 114.6979

 7.0846, 6.7303,
3.8365

162.8938,
165.4035, 146.3909

 3.5618, 3.2940,
1.5361

200.6936,
204.2751, 183.4425

 1.4574, 1.2871,
0.2446

243.9305,

 0.2965, 0.1312,

248.8045, 226.2711

0.0000

292.9699,
299.3759, 275.2953

■ 0.0000, 0.0000,
0.0000

■ 42.6650, 42.4570,
33.1405

■ 42.6650, 42.4570,
33.1405

■ 39.2885, 37.9588,
25.0629

■ 46.4841, 47.4127,
42.6826

■ 36.3330, 33.8983,
18.3734

■ 50.7591, 52.8335,
53.7552

■ 33.7805, 30.2626,
12.9925

■ 55.5073, 58.7339,
66.4233

■ 31.6095, 27.0358,
8.8314

■ 60.7436, 65.1263,
80.7476

■ 29.7968, 24.2007,
5.7902

■ 66.4824, 72.0224,
96.7853

■ 28.3154, 21.7386,
3.7528

■ 71.1188, 78.7858,
106.0666

■ 27.1322, 19.6277,
2.5710

■ 74.3832, 85.3145,
107.1547

■ 26.7451, 18.9184,
2.2420

■ 77.0988, 90.7458,
108.0599

Harmonies

Analogous

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



45.0309, 42.4570, 37.4818



42.6650, 42.4570, 33.1405



39.7785, 42.4570, 32.1127

Triad

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



42.6650, 42.4570, 33.1405



35.0655, 42.4570, 47.9047



43.7131, 42.4570, 60.3744

Complementary

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



42.6650, 42.4570, 33.1405



37.3768, 40.8472, 59.3407

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.



40.9352, 42.4570, 63.9720



42.6650, 42.4570, 33.1405



36.0129, 42.4570, 56.2398

Square

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



42.6650, 42.4570, 33.1405



35.4795, 42.4570, 40.0322



38.1282, 42.4570, 62.3752



45.6560, 42.4570, 53.0332

Rectangle

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



42.6650, 42.4570, 33.1405



37.9652, 42.4570, 33.3221



38.1282, 42.4570, 62.3752



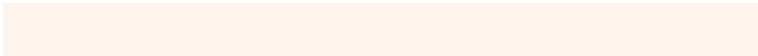
42.8411, 42.4570, 62.0993

Sweetspot

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



42.6661, 42.4589, 33.1414



88.4155, 91.7107, 91.3366



41.3518, 35.6776, 45.5056



18.6707, 19.3096, 18.8874



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.



42.6661, 42.4589, 33.1414



71.7445, 70.1385, 49.4951



47.8881, 52.9028, 34.8820



11.0136, 11.3963, 11.1820



17.4753, 12.4679, 1.4855



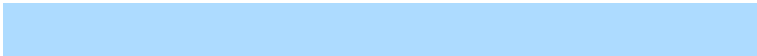
0.8994, 0.7342, 0.0943

Inverse Universe

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



37.3768, 40.8472, 59.3407



60.6780, 66.7617, 104.2960



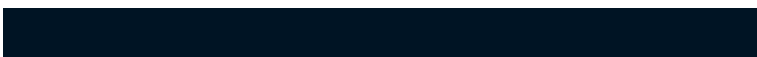
32.8691, 31.8317, 57.8381



10.5389, 11.2519, 13.5339



10.3702, 10.1343, 36.1539



0.5624, 0.6226, 1.7357

Previews

White Background



This preview shows how the XYZ color 42.6650, 42.4570, 33.1405 looks on a white background.

Color Contrast Check

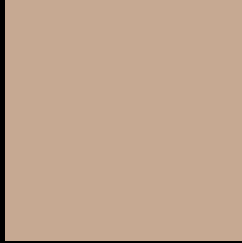
Large Text (above 18pt) WCAG AA × Fail

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 42.6650, 42.4570, 33.1405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

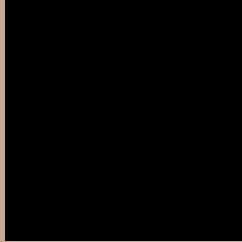
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.6650, 42.4570, 33.1405

Background



This preview shows how black text looks on a background with the XYZ color 42.6650, 42.4570, 33.1405.



This preview shows how white text looks on a background with the XYZ color 42.6650, 42.4570,

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

42.6650, 42.4570, 33.1405

Protanopia

40.0098, 42.4775, 34.1072

Deuteranopia

43.2783, 42.4981, 33.1161



Tritanopia

45.7481, 42.6411, 47.4144

Trichromacy



Original Color

42.6650, 42.4570, 33.1405

Protanomaly

40.7580, 42.3030, 33.6209

Deuteranomaly

43.0104, 42.3599, 33.1035

Tritanomaly

44.6065, 42.4431, 41.9177

Monochromacy



Original Color

42.6650, 42.4570, 33.1405

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.1728, 42.6348, 41.1812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6650, 42.4570, 33.1405 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(198, 169, 146)` looks like.

```
.text, #text, p{  
    color:rgb(198, 169, 146)  
}
```

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(198, 169, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 169, 146) }
```

Border

The CSS property to change the border of an element to XYZ 42.6650, 42.4570, 33.1405 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(198, 169, 146) }
```


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

```
.border{ border-color:rgb(198, 169, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 169, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 169, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 169, 146);  
box-shadow:4px 4px 4px 4px rgb(198, 169,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6650, 42.4570, 33.1405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 169, 146) }
```

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

```
.background{ background-color: rgb(198,  
169, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor