

Converting Colors

XYZ(43.0308, 42.2577, 36.3066)

Have a look what the booklet for
XYZ(43.0308, 42.2577, 36.3066)
contains.

XYZ(43.1241, 42.3441, 36.4722)	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(43.1241, 42.3441,
36.4722)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A89A
RGB	198, 168, 154
RGB Percent	78%, 66%, 60%
CMY	0.2235, 0.3412, 0.3961
CMYK	0.00, 0.15, 0.22, 0.22
HSL	19°, 28%, 69%
HSV	19°, 22%, 78%
XYZ	43.1241, 42.3441, 36.4722
YIQ	175.3740, 22.3740, 2.0060

Conversions

Conversions Part 2

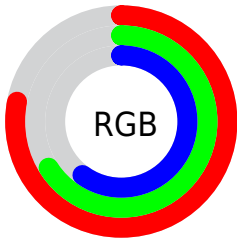
Format	Color
R_{YB}	198, 175, 154
Decimal	13019290
CIE _{Lab}	71.11, 8.74, 11.29
CIE _{LCh}	71, 14.277, 52.240
Yxy	42.3441, 0.3536, 0.3473
Android (android.graphics.Color)	4291209370 (0xFFC6A89A)
YUV	175.3740, -10.5374, 19.8430
Hunter-Lab	65.0723, 4.4172, 12.3194

Details

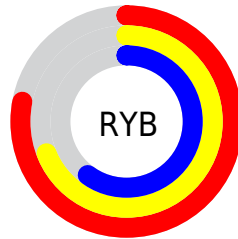
The XYZ color **43.1241, 42.3441, 36.4722** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.6597, 45.2272, 60.0132**, and the grayscale version is **40.9871, 43.1216, 46.9594**.

A 20% lighter version of the original color is **79.0128, 78.5894, 70.6794**, and **20.1952, 19.3993, 15.5120** is the 20% darker color. If you saturate the color by 10%, you get **39.2454, 37.0114, 27.7034**, and if you desaturate by 10%, it is **47.5359, 48.3069, 46.7617**.

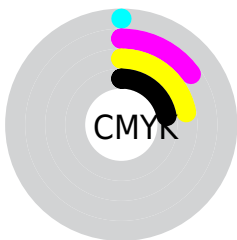
Distribution



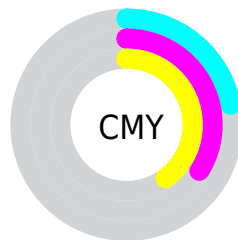
- Red (78%)
- Green (66%)
- Blue (60%)



- Red (78%)
- Yellow (69%)
- Blue (60%)



- Cyan (0%)
- Magenta (15%)
- Yellow (22%)
- Black (22%)





- Cyan (22%)
- Magenta (34%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1241, 42.3441, 36.4722 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 43.1241, 42.3441, 36.4722 by changing the saturation by 10% instead.


 43.1241, 42.3441,
36.4722


 43.1241, 42.3441,
36.4722


350.0347,
355.9074, 346.1194

 30.1774, 29.3708,
24.5065

 79.1526, 78.7201,
70.9375

 20.1221, 19.3615,
15.4941


 102.9652,
102.8917, 94.2742

 12.5926, 11.9318,
9.0164


131.1305,
131.5648, 122.2384

 7.2237, 6.6973,
4.6549

164.0139,
165.1239, 155.2485

 3.6499, 3.2735,
1.9911

201.9806,
203.9532, 193.7231

 1.5061, 1.2761,
0.5498

245.3961,

 0.3300, 0.1226,

248.4374, 238.0807

0.0000

294.6257,
298.9606, 288.7400

■ 0.0000, 0.0000,
0.0000

■ 43.1241, 42.3441,
36.4722

■ 43.1241, 42.3441,
36.4722

■ 39.2454, 37.0114,
27.7034

■ 47.5359, 48.3069,
46.7617

■ 35.8751, 32.2820,
20.3798

■ 52.4972, 54.9139,
58.6371

■ 32.9917, 28.1356,
14.4235

■ 58.0281, 62.1863,
72.1631

■ 30.5707, 24.5483,
9.7480

■ 64.1465, 70.1423,
87.3998

■ 28.5850, 21.4947,
6.2569

■ 70.8695, 78.7993,
104.4045

■ 27.0046, 18.9471,
3.8397

■ 75.2131, 86.9742,
107.4313

■ 25.7946, 16.8747,
2.3647

■ 77.0989, 90.7459,
108.0599

■ 25.0673, 15.5627,
1.6827

Harmonies

Analogous

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



44.6476, 42.3441, 41.3059



43.1241, 42.3441, 36.4722



40.8699, 42.3441, 34.2661

Triad

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



43.1241, 42.3441, 36.4722



35.8670, 42.3441, 44.3529



42.0096, 42.3441, 59.3780

Complementary

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



43.1241, 42.3441, 36.4722



40.6597, 45.2272, 60.0132

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.



39.6301, 42.3441, 60.3992



43.1241, 42.3441, 36.4722



36.1451, 42.3441, 51.2633

Square

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



43.1241, 42.3441, 36.4722



36.7252, 42.3441, 38.5137



37.5004, 42.3441, 57.3013



43.9866, 42.3441, 54.6348

Rectangle

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



43.1241, 42.3441, 36.4722



39.2813, 42.3441, 34.4127



37.5004, 42.3441, 57.3013



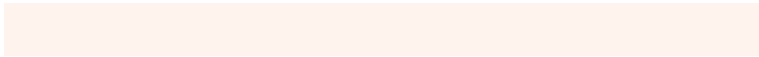
41.2280, 42.3441, 60.1857

Sweetspot

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



43.1252, 42.3460, 36.4731



88.5480, 91.3833, 93.2075



43.5035, 38.5810, 50.5385



18.8380, 19.4067, 19.6752



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.



43.1252, 42.3460, 36.4731



72.6900, 69.9538, 56.2093



47.5209, 51.1374, 37.9383



10.9048, 11.1788, 11.1457



16.3706, 10.2584, 1.1172



0.8410, 0.6174, 0.0749

Inverse Universe

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



40.6597, 45.2272, 60.0132



67.4998, 76.0052, 105.7206



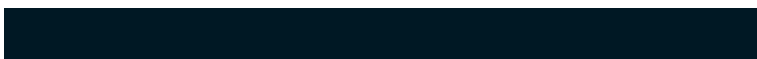
36.4521, 36.8120, 58.6107



10.6511, 11.4762, 13.5713



12.3416, 14.0770, 36.8110



0.6475, 0.7928, 1.7640

Previews

White Background



This preview shows how the XYZ color 43.1241, 42.3441, 36.4722 looks on a white background.

Color Contrast Check

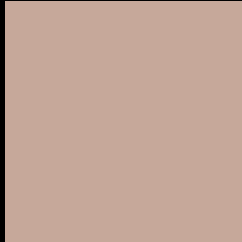
Large Text (above 18pt) WCAG AA × Fail

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 43.1241, 42.3441, 36.4722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

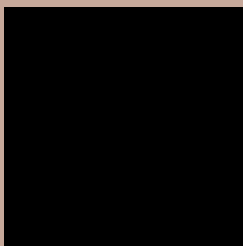
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

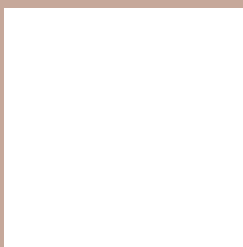
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.1241, 42.3441, 36.4722

Background



This preview shows how black text looks on a background with the XYZ color 43.1241, 42.3441, 36.4722.



This preview shows how white text looks on a background with the XYZ color 43.1241, 42.3441,

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

43.1241, 42.3441, 36.4722

Protanopia

40.2779, 42.5302, 37.9846

Deuteranopia

43.1241, 42.3441, 36.4722



Tritanopia

45.4783, 42.5021, 47.4017

Trichromacy



Original Color

43.1241, 42.3441, 36.4722

Protanomaly

41.2468, 42.4701, 37.4761

Deuteranomaly

43.1241, 42.3441, 36.4722

Tritanomaly

44.6171, 42.4164, 43.3717

Monochromacy



Original Color

43.1241, 42.3441, 36.4722

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.2560, 42.3623, 42.5615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1241, 42.3441, 36.4722 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, 168, 154)` looks like.

```
.text, #text, p{  
    color:rgb(198, 168, 154)  
}
```

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, 168, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 168, 154) }
```

Border

The CSS property to change the border of an element to XYZ 43.1241, 42.3441, 36.4722 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, 168, 154) }
```


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

```
.border{ border-color:rgb(198, 168, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 168, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 168, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 168, 154);  
box-shadow:4px 4px 4px 4px rgb(198, 168,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1241, 42.3441, 36.4722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 168, 154) }
```

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

```
.background{ background-color: rgb(198,  
168, 154) }
```

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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