

Converting Colors

XYZ(47.4138, 52.3740, 41.3492)

Have a look what the booklet for
XYZ(47.4138, 52.3740, 41.3492)
contains.

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Color

**XYZ(47.4630, 52.3632,
41.3238)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C2A1
RGB	192, 194, 161
RGB Percent	75%, 76%, 63%
CMY	0.2471, 0.2392, 0.3686
CMYK	0.01, 0.00, 0.17, 0.24
HSL	64°, 21%, 70%
HSV	64°, 17%, 76%
XYZ	47.4630, 52.3632, 41.3238
YIQ	189.6400, 9.4010, -10.6870

Conversions

Conversions Part 2

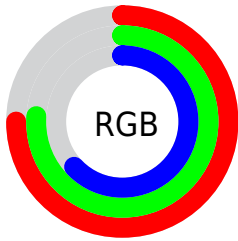
Format	Color
RYB	161, 194, 163
Decimal	12632737
CIELab	77.50, -6.32, 16.40
CIELCh	77, 17.577, 111.089
Yxy	52.3632, 0.3363, 0.3710
Android (android.graphics.Color)	4290822817 (0xFFC0C2A1)
YUV	189.6400, -14.1195, 2.0697
Hunter-Lab	72.3624, -9.5549, 16.7951

Details

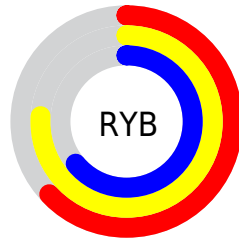
The XYZ color **47.4630, 52.3632, 41.3238** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.5888, 37.1728, 56.2357**, and the grayscale version is **48.8124, 51.3545, 55.9250**.

A 20% lighter version of the original color is **85.6472, 93.4688, 78.4929**, and **22.6196, 25.2636, 18.1522** is the 20% darker color. If you saturate the color by 10%, you get **45.5866, 51.5801, 32.9878**, and if you desaturate by 10%, it is **49.6100, 53.2584, 51.0603**.

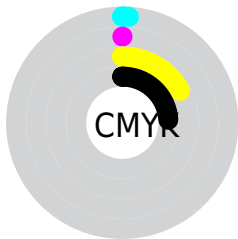
Distribution



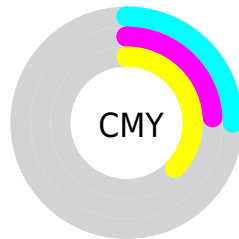
- Red (75%)
- Green (76%)
- Blue (63%)



- Red (63%)
- Yellow (76%)
- Blue (64%)



- Cyan (1%)
- Magenta (0%)
- Yellow (17%)
- Black (24%)





- Cyan (25%)
- Magenta (24%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4630, 52.3632, 41.3238 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 47.4630, 52.3632, 41.3238 by changing the saturation by 10% instead.


 47.4630, 52.3632,
41.3238


 47.4630, 52.3632,
41.3238


367.2777,
395.8372, 367.3888

 33.6113, 37.2947,
28.2506


 85.6189, 93.6667,
78.4342

 22.7566, 25.4357,
18.2739


 110.6538,
120.6704, 103.3084

 14.5336, 16.4020,
10.9754

140.1471,
152.4213, 132.9535

 8.5769, 9.8090,
5.9363

174.4642,
189.3037, 167.7878

 4.5211, 5.2725,
2.7382

213.9705,
231.7021, 208.2299

 2.0010, 2.4080,
0.9626

259.0312,

 0.6345, 0.8300,

280.0009, 254.6984

0.0000

310.0119,
334.5845, 307.6119

■ 0.0000, 0.0000,
0.0000

■ 47.4630, 52.3632,
41.3238

■ 47.4630, 52.3632,
41.3238

■ 45.5866, 51.5801,
32.9878

■ 49.6100, 53.2584,
51.0603

■ 43.9646, 50.8972,
25.9846

■ 52.0350, 54.2632,
62.2541

■ 42.5851, 50.3116,
20.2461

■ 54.7500, 55.3844,
74.9628

■ 41.4337, 49.8176,
15.6967

■ 57.7653, 56.6259,
89.2400

■ 40.4946, 49.4087,
12.2529

■ 60.6029, 57.7967,
102.5695

■ 39.7499, 49.0779,
9.8203

■ 60.9145, 57.9573,
102.5841

■ 39.1786, 48.8167,
8.2886

■ 61.2285, 58.1192,
102.5988

■ 38.7521, 48.6137,
7.5074

■ 61.5449, 58.2823,
102.6136

■ 38.6370, 48.5580,
7.3362

■ 61.8638, 58.4467,
102.6285

Harmonies

Analogous

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



50.7852, 52.3632, 40.5030



47.4630, 52.3632, 41.3238



44.8724, 52.3632, 46.0842

Triad

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



47.4630, 52.3632, 41.3238



45.7904, 52.3632, 72.7931



56.4844, 52.3632, 59.9525

Complementary

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



47.4630, 52.3632, 41.3238



37.5888, 37.1728, 56.2357

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.



55.0108, 52.3632, 69.5496



47.4630, 52.3632, 41.3238



48.7678, 52.3632, 77.4959

Square

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



47.4630, 52.3632, 41.3238



43.9376, 52.3632, 63.9922



52.1499, 52.3632, 76.2460



56.0962, 52.3632, 50.5636

Rectangle

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



47.4630, 52.3632, 41.3238



43.8597, 52.3632, 51.1813



52.1499, 52.3632, 76.2460



56.1880, 52.3632, 63.2751

Sweetspot

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



47.4644, 52.3655, 41.3249



90.6848, 96.8212, 96.2125



41.7180, 40.1142, 39.2630



19.7929, 21.1754, 20.7657



0.0000, 0.0000, 0.0000



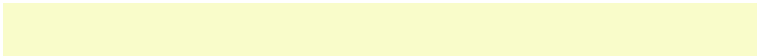
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.4644, 52.3655, 41.3249



84.8117, 94.3765, 69.5987



43.5973, 50.3720, 41.1439



10.8511, 11.7262, 10.7533



25.4266, 31.9367, 4.8243



1.1172, 1.3895, 0.2093

Inverse Universe

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



37.5888, 37.1728, 56.2357



63.9373, 62.2620, 101.1177



41.1092, 38.9876, 56.4004



9.5837, 9.7765, 12.6668



6.5243, 2.6238, 33.7192



0.3018, 0.1236, 1.4578

Previews

White Background



This preview shows how the XYZ color 47.4630, 52.3632, 41.3238 looks on a white background.

Color Contrast Check

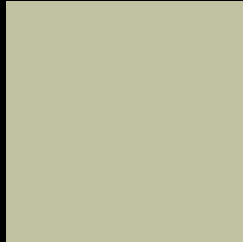
Large Text (above 18pt) WCAG AA × Fail

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 47.4630, 52.3632, 41.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

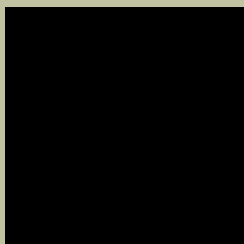
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

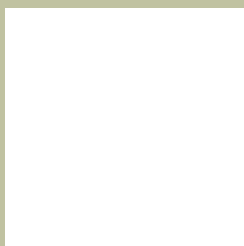
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.4630, 52.3632, 41.3238

Background



This preview shows how black text looks on a background with the XYZ color 47.4630, 52.3632, 41.3238.



This preview shows how white text looks on a background with the XYZ color 47.4630, 52.3632,

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

47.4630, 52.3632, 41.3238

Protanopia

49.2459, 52.3214, 40.3044

Deuteranopia

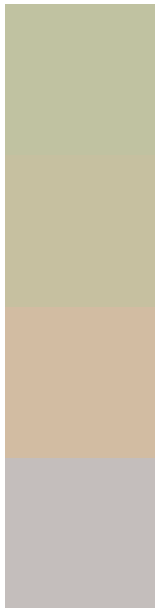
53.2665, 52.1410, 41.9071



Tritanopia

52.0514, 52.2840, 63.8483

Trichromacy



Original Color

47.4630, 52.3632, 41.3238

Protanomaly

48.4835, 52.2431, 40.7863

Deuteranomaly

51.0831, 52.2767, 41.5805

Tritanomaly

50.2555, 52.1935, 55.0026

Monochromacy



Original Color

47.4630, 52.3632, 41.3238

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.2533, 51.5926, 50.0630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4630, 52.3632, 41.3238 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(192, 194, 161)` looks like.

```
.text, #text, p{  
    color:rgb(192, 194, 161)  
}
```

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(192, 194, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 194, 161) }
```

Border

The CSS property to change the border of an element to XYZ 47.4630, 52.3632, 41.3238 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(192, 194, 161) }
```


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

```
.border{ border-color:rgb(192, 194, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 194, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 194, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 194, 161);  
box-shadow:4px 4px 4px 4px rgb(192, 194,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4630, 52.3632, 41.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 194, 161) }
```

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

```
.background{ background-color: rgb(192,  
194, 161) }
```

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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