

Converting Colors

XYZ(47.6527, 51.2343, 41.1260)

Have a look what the booklet for
XYZ(47.6527, 51.2343, 41.1260)
contains.

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Color

**XYZ(47.6114, 51.1359,
41.0790)**

Conversions

Conversions Part 1

Format	Color
Hex	C4BEA1
RGB	196, 190, 161
RGB Percent	77%, 75%, 63%
CMY	0.2314, 0.2549, 0.3686
CMYK	0.00, 0.03, 0.18, 0.23
HSL	50°, 23%, 70%
HSV	50°, 18%, 77%
XYZ	47.6114, 51.1359, 41.0790
YIQ	188.4880, 12.8850, -7.7470

Conversions

Conversions Part 2

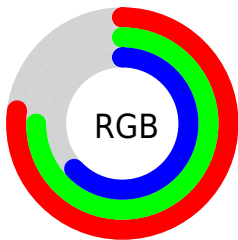
Format	Color
RYB	168, 196, 161
Decimal	12893857
CIELab	76.76, -2.74, 15.42
CIELCh	77, 15.658, 100.071
Yxy	51.1359, 0.3405, 0.3657
Android (android.graphics.Color)	4291083937 (0xFFC4BEA1)
YUV	188.4880, -13.5516, 6.5880
Hunter-Lab	71.5094, -6.2949, 15.9971

Details

The XYZ color **47.6114, 51.1359, 41.0790** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.4802, 39.1990, 57.7629**, and the grayscale version is **48.1483, 50.6558, 55.1642**.

A 20% lighter version of the original color is **85.8584, 91.7520, 78.1504**, and **22.8613, 24.7462, 18.0396** is the 20% darker color. If you saturate the color by 10%, you get **45.2983, 49.0621, 32.4387**, and if you desaturate by 10%, it is **50.2149, 53.3561, 51.1541**.

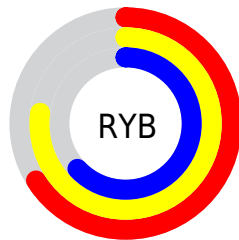
Distribution



Red (77%)

Green (75%)

Blue (63%)



Red (66%)

Yellow (77%)

Blue (63%)

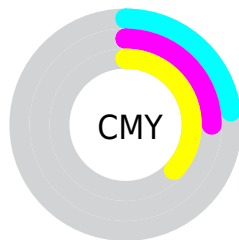


Cyan (0%)

Magenta (3%)

Yellow (18%)

Black (23%)



Cyan (23%)

Magenta (25%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.6114, 51.1359, 41.0790 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 47.6114, 51.1359, 41.0790 by changing the saturation by 10% instead.

■ 47.6114, 51.1359,
41.0790

■ 47.6114, 51.1359,
41.0790

367.8580,
391.0916, 366.3371

■ 33.7292, 36.3168,
28.0607

■ 85.8387, 91.8556,
78.0588

■ 22.8476, 24.6789,
18.1319

■ 110.9146,
118.5250, 102.8573

■ 14.6011, 15.8380,
10.8743

140.4524,
149.9133, 132.4196

■ 8.6244, 9.4096,
5.8693

174.8175,
186.4048, 167.1643

■ 4.5521, 5.0093,
2.6983

214.3753,
228.3840, 207.5098

■ 2.0190, 2.2527,
0.9426

259.4910,

■ 0.6446, 0.7485,

276.2353, 253.8748

0.0000

310.5302,
330.3430, 306.6777

■ 0.0000, 0.0000,
0.0000

■ 47.6114, 51.1359,
41.0790

■ 47.6114, 51.1359,
41.0790

■ 45.2983, 49.0621,
32.4387

■ 50.2149, 53.3561,
51.1541

■ 43.2590, 47.1228,
25.1635

■ 53.1167, 55.7209,
62.7228

■ 41.4810, 45.3144,
19.1831

■ 56.3293, 58.2371,
75.8445

■ 39.9493, 43.6308,
14.4192

■ 59.8633, 60.9093,
90.5743

■ 38.6476, 42.0653,
10.7853

■ 63.0777, 63.4811,
103.5363

■ 37.5570, 40.6101,
8.1834

■ 63.8988, 65.1232,
103.8100

■ 36.6556, 39.2564,
6.4986

■ 64.7372, 66.8001,
104.0894

■ 35.9110, 37.9909,
5.5609

■ 65.5932, 68.5121,
104.3748

■ 35.7604, 37.7265,
5.3972

■ 66.4668, 70.2592,
104.6660

Harmonies

Analogous

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



50.5756, 51.1359, 41.6757



47.6114, 51.1359, 41.0790



45.0191, 51.1359, 44.0780

Triad

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



47.6114, 51.1359, 41.0790



44.3631, 51.1359, 66.8832



54.1715, 51.1359, 61.4405

Complementary

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



47.6114, 51.1359, 41.0790



38.4802, 39.1990, 57.7629

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.



52.3725, 51.1359, 69.1538



47.6114, 51.1359, 41.0790



46.6827, 51.1359, 72.5111

Square

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



47.6114, 51.1359, 41.0790



43.1949, 51.1359, 58.5874



49.6086, 51.1359, 73.3819



54.4449, 51.1359, 52.8672

Rectangle

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



47.6114, 51.1359, 41.0790



43.8205, 51.1359, 47.9112



49.6086, 51.1359, 73.3819



53.7217, 51.1359, 64.2425

Sweetspot

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



47.6128, 51.1382, 41.0801



92.3718, 97.8202, 98.2141



42.5240, 40.0316, 42.2477



19.6932, 20.8732, 20.7126



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.



47.6128, 51.1382, 41.0801



84.7387, 91.3045, 68.6936



46.1608, 52.3573, 41.3919



10.7619, 11.4552, 10.7057



23.0329, 24.3515, 3.4864



1.0348, 1.1315, 0.1639

Inverse Universe

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



38.4802, 39.1990, 57.7629



65.4593, 66.1015, 103.9165



39.7408, 38.2560, 57.5144



9.6647, 10.0207, 12.7096



6.8061, 3.3688, 33.8481



0.3383, 0.2339, 1.4772

Previews

White Background



This preview shows how the XYZ color 47.6114, 51.1359, 41.0790 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 47.6114, 51.1359, 41.0790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

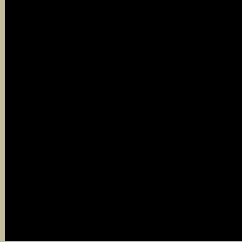
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

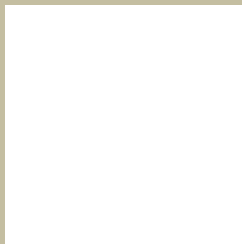
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.6114, 51.1359, 41.0790

Background



This preview shows how black text looks on a background with the XYZ color 47.6114, 51.1359, 41.0790.



This preview shows how white text looks on a background with the XYZ color 47.6114, 51.1359,

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

47.6114, 51.1359, 41.0790

Protanopia

48.0959, 51.0754, 40.5813

Deuteranopia

51.9541, 50.8520, 41.7275



Tritanopia

51.7452, 51.2390, 61.1957

Trichromacy



Original Color

47.6114, 51.1359, 41.0790

Protanomaly

47.8315, 50.9390, 40.5689

Deuteranomaly

50.1650, 50.8619, 41.3558

Tritanomaly

50.0805, 51.1855, 53.1392

Monochromacy



Original Color

47.6114, 51.1359, 41.0790

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.7193, 50.6859, 49.3878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6114, 51.1359, 41.0790 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(196, 190, 161)` looks like.

```
.text, #text, p{  
    color:rgb(196, 190, 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(196, 190, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 190, 161) }
```

Border

The CSS property to change the border of an element to XYZ 47.6114, 51.1359, 41.0790 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(196, 190, 161) }
```


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

```
.border{ border-color:rgb(196, 190, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 190, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 190, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 190, 161);  
box-shadow:4px 4px 4px 4px rgb(196, 190,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6114, 51.1359, 41.0790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 190, 161) }
```

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

```
.background{ background-color: rgb(196,  
190, 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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