

Converting Colors

XYZ(47.5103, 51.7331, 43.1749)

Have a look what the booklet for
XYZ(47.5103, 51.7331, 43.1749)
contains.

XYZ(47.3794, 51.6224, 43.0643)	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(47.3794, 51.6224,
43.0643)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C0A5
RGB	192, 192, 165
RGB Percent	75%, 75%, 65%
CMY	0.2471, 0.2470, 0.3529
CMYK	0.00, 0.00, 0.14, 0.25
HSL	60°, 18%, 70%
HSV	60°, 14%, 75%
XYZ	47.3794, 51.6224, 43.0643
YIQ	188.9220, 8.6670, -8.3970

Conversions

Conversions Part 2

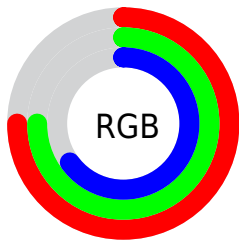
Format	Color
RYB	165, 192, 165
Decimal	12632229
CIELab	77.05, -4.65, 13.63
CIELCh	77, 14.402, 108.830
Yxy	51.6224, 0.3335, 0.3634
Android (android.graphics.Color)	4290822309 (0xFFC0C0A5)
YUV	188.9220, -11.7935, 2.6994
Hunter-Lab	71.8487, -8.0265, 14.7572

Details

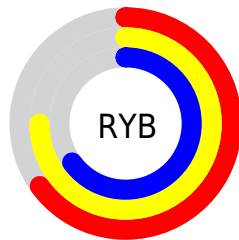
The XYZ color **47.3794, 51.6224, 43.0643** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.4887, 38.7168, 55.3166**, and the grayscale version is **48.3882, 50.9082, 55.4390**.

A 20% lighter version of the original color is **85.5526, 92.4418, 81.0441**, and **22.6945, 25.0608, 19.2639** is the 20% darker color. If you saturate the color by 10%, you get **45.7612, 50.9767, 34.5407**, and if you desaturate by 10%, it is **49.2628, 52.3776, 52.9720**.

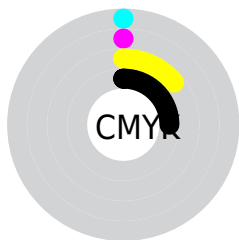
Distribution



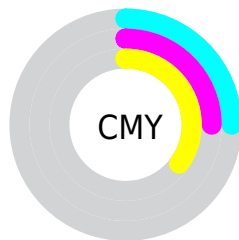
- Red (75%)
- Green (75%)
- Blue (65%)



- Red (65%)
- Yellow (75%)
- Blue (65%)



- Cyan (0%)
- Magenta (0%)
- Yellow (14%)
- Black (25%)



- Cyan (25%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3794, 51.6224, 43.0643 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 47.3794, 51.6224, 43.0643 by changing the saturation by 10% instead.

■ 47.3794, 51.6224,
43.0643

■ 47.3794, 51.6224,
43.0643

366.9506,
392.9771, 374.8051

■ 33.5449, 36.7042,
29.6038

■ 85.4950, 92.5741,
81.0953

■ 22.7054, 24.9785,
19.2886

■ 110.5067,
119.3764, 106.5028

■ 14.4956, 16.0611,
11.7000

139.9750,
150.9089, 136.7298

■ 8.5502, 9.5674,
6.4197

174.2650,
187.5559, 172.1948

■ 4.5037, 5.1131,
3.0291

213.7423,
229.7018, 213.3162

■ 1.9909, 2.3138,
1.1095

258.7720,

■ 0.6288, 0.7810,

277.7310, 260.5128

0.0000

309.7197,
332.0280, 314.2029

■ 0.0000, 0.0000,
0.0000

■ 47.3794, 51.6224,
43.0643

■ 47.3794, 51.6224,
43.0643

■ 45.7612, 50.9767,
34.5407

■ 49.2628, 52.3776,
52.9720

■ 44.3923, 50.4291,
27.3365

■ 51.4182, 53.2398,
64.3181

■ 43.2617, 49.9768,
21.3869

■ 53.8573, 54.2156,
77.1579

■ 42.3557, 49.6143,
16.6201

■ 56.5898, 55.3086,
91.5429

■ 41.6593, 49.3356,
12.9571

■ 58.6431, 56.1300,
102.3511

■ 41.1557, 49.1341,
10.3096

■ 58.6438, 56.1304,
102.3511

■ 40.8256, 49.0020,
8.5753

■ 58.6446, 56.1309,
102.3512

■ 40.6455, 48.9298,
7.6310

■ 58.6454, 56.1313,
102.3512

■ 40.5823, 48.9045,
7.3006

■ 58.6462, 56.1317,
102.3512

Harmonies

Analogous

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



50.0966, 51.6224, 42.6276



47.3794, 51.6224, 43.0643



45.1936, 51.6224, 46.8209

Triad

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



47.3794, 51.6224, 43.0643



45.6679, 51.6224, 68.3893



54.4354, 51.6224, 59.1917

Complementary

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



47.3794, 51.6224, 43.0643



38.4887, 38.7168, 55.3166

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.



53.1525, 51.6224, 66.7728



47.3794, 51.6224, 43.0643



48.0488, 51.6224, 72.4039

Square

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



47.3794, 51.6224, 43.0643



44.2312, 51.6224, 61.2363



50.7912, 51.6224, 71.7861



54.2398, 51.6224, 51.4628

Rectangle

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



47.3794, 51.6224, 43.0643



44.3002, 51.6224, 50.9169



50.7912, 51.6224, 71.7861



54.1609, 51.6224, 61.8536

Sweetspot

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



47.3808, 51.6247, 43.0654



89.2564, 94.8999, 95.9765



41.9866, 40.8346, 41.2670



19.0892, 20.3355, 20.2783



92.9021, 97.7402, 106.4391



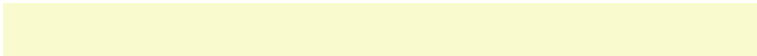
19.4759, 20.4902, 22.3138

Same Dimension

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



47.3808, 51.6247, 43.0654



84.8541, 93.1387, 72.8044



44.1182, 49.9428, 42.9127



10.9133, 11.7583, 10.7563



27.3060, 32.9056, 4.9122



1.1799, 1.4218, 0.2122

Inverse Universe

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



38.4887, 38.7168, 55.3166



65.5044, 65.0504, 99.4638



41.4462, 40.2415, 55.4550



9.5285, 9.7481, 12.6642



6.4025, 2.5610, 33.7135



0.2767, 0.1107, 1.4567

Previews

White Background



This preview shows how the XYZ color 47.3794, 51.6224, 43.0643 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 47.3794, 51.6224, 43.0643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

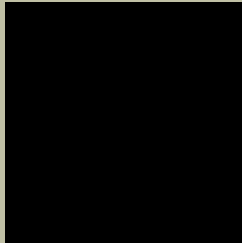
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

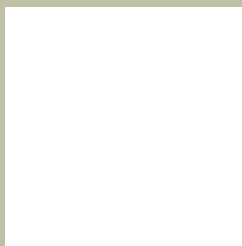
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.3794, 51.6224, 43.0643

Background



This preview shows how black text looks on a background with the XYZ color 47.3794, 51.6224, 43.0643.



This preview shows how white text looks on a background with the XYZ color 47.3794, 51.6224,

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

47.3794, 51.6224, 43.0643

Protanopia

48.9337, 51.7866, 42.5387

Deuteranopia

52.5238, 51.4087, 43.7138



Tritanopia

51.4570, 51.6752, 63.1394

Trichromacy



Original Color

47.3794, 51.6224, 43.0643

Protanomaly

48.3576, 51.8123, 42.5740

Deuteranomaly

50.4543, 51.2809, 43.3154

Tritanomaly

49.8886, 51.6714, 55.4883

Monochromacy



Original Color

47.3794, 51.6224, 43.0643

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

47.8869, 51.0693, 50.5135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3794, 51.6224, 43.0643 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, 192, 165)` looks like.

```
.text, #text, p{  
    color:rgb(192, 192, 165)  
}
```

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, 192, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 192, 165) }
```

Border

The CSS property to change the border of an element to XYZ 47.3794, 51.6224, 43.0643 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, 192, 165) }
```


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

```
.border{ border-color:rgb(192, 192, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 192, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 192, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 192, 165);  
box-shadow:4px 4px 4px 4px rgb(192, 192,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3794, 51.6224, 43.0643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 192, 165) }
```

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

```
.background{ background-color: rgb(192,  
192, 165) }
```

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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