

Converting Colors

XYZ(47.4256, 51.3970, 42.3704)

Have a look what the booklet for
XYZ(47.4256, 51.3970, 42.3704)
contains.

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Color

**XYZ(47.3240, 51.2794,
42.5256)**

Conversions

Conversions Part 1

Format	Color
Hex	C1BFA4
RGB	193, 191, 164
RGB Percent	76%, 75%, 64%
CMY	0.2431, 0.2510, 0.3569
CMYK	0.00, 0.01, 0.15, 0.24
HSL	56°, 19%, 70%
HSV	56°, 15%, 76%
XYZ	47.3240, 51.2794, 42.5256
YIQ	188.5200, 9.8590, -7.9730

Conversions

Conversions Part 2

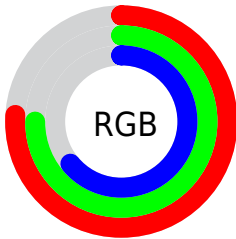
Format	Color
RYB	166, 193, 164
Decimal	12697508
CIELab	76.85, -3.91, 13.89
CIELCh	77, 14.430, 105.732
Yxy	51.2794, 0.3353, 0.3634
Android (android.graphics.Color)	4290887588 (0xFFC1BFA4)
YUV	188.5200, -12.0884, 3.9290
Hunter-Lab	71.6096, -7.3532, 14.9172

Details

The XYZ color **47.3240, 51.2794, 42.5256** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.5717, 39.0145, 55.9502**, and the grayscale version is **48.1597, 50.6678, 55.1772**.

A 20% lighter version of the original color is **85.4713, 91.9600, 80.2631**, and **22.6606, 24.8358, 18.9287** is the 20% darker color. If you saturate the color by 10%, you get **45.4238, 50.0596, 33.9359**, and if you desaturate by 10%, it is **49.4941, 52.6148, 52.5116**.

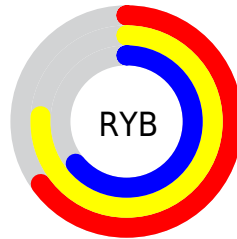
Distribution



Red (76%)

Green (75%)

Blue (64%)



Red (65%)

Yellow (76%)

Blue (64%)

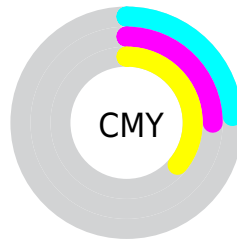


Cyan (0%)

Magenta (1%)

Yellow (15%)

Black (24%)



Cyan (24%)


Magenta (25%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3240, 51.2794, 42.5256 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 47.3240, 51.2794, 42.5256 by changing the saturation by 10% instead.


 47.3240, 51.2794,
42.5256


 47.3240, 51.2794,
42.5256


366.7337,
391.6483, 372.5209

 33.5009, 36.4310,
29.1844


 85.4129, 92.0676,
80.2731

 22.6715, 24.7673,
18.9736


 110.4093,
118.7763, 105.5166

 14.4705, 15.9037,
11.4746


139.8609,
150.2071, 135.5646

 8.5325, 9.4561,
6.2688

174.1330,
186.7446, 170.8356

 4.4922, 5.0398,
2.9378

213.5910,
228.7730, 211.7482

 1.9842, 2.2707,
1.0630

258.6002,

 0.6251, 0.7581,

276.6769, 258.7209

0.0000

309.5260,
330.8405, 312.1723

■ 0.0000, 0.0000,
0.0000

■ 47.3240, 51.2794,
42.5256

■ 47.3240, 51.2794,
42.5256

■ 45.4238, 50.0596,
33.9359

■ 49.4941, 52.6148,
52.5116

■ 43.7775, 48.9438,
26.6765

■ 51.9412, 54.0636,
63.9491

■ 42.3738, 47.9292,
20.6812

■ 54.6771, 55.6321,
76.8945

■ 41.1986, 47.0102,
15.8768

■ 57.7118, 57.3243,
91.4002

■ 40.2367, 46.1806,
12.1824

■ 60.1561, 58.7846,
102.7837

39.4707, 45.4336,
9.5073

60.4604, 59.3932,
102.8852

38.8808, 44.7612,
7.7465

60.7673, 60.0071,
102.9875

38.4426, 44.1536,
6.7720

61.0770, 60.6264,
103.0907

38.2566, 43.8656,
6.4506

61.3893, 61.2510,
103.1948

Harmonies

Analogous

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



50.0505, 51.2794, 42.4424



47.3240, 51.2794, 42.5256



45.0609, 51.2794, 45.9444

Triad

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



47.3240, 51.2794, 42.5256



45.1513, 51.2794, 67.3596



54.0297, 51.2794, 59.6392

Complementary

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



47.3240, 51.2794, 42.5256



38.5717, 39.0145, 55.9502

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.



52.6131, 51.2794, 67.0510



47.3240, 51.2794, 42.5256



47.4517, 51.2794, 71.7835

Square

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



47.3240, 51.2794, 42.5256



43.8389, 51.2794, 60.0293



50.1830, 51.2794, 71.6655



53.9924, 51.2794, 51.8399

Rectangle

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



47.3240, 51.2794, 42.5256



44.0895, 51.2794, 49.8558



50.1830, 51.2794, 71.6655



53.7055, 51.2794, 62.2732

Sweetspot

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



47.3254, 51.2817, 42.5267



88.6219, 94.2197, 93.9467



42.1896, 40.6576, 41.9019



18.9499, 20.1756, 19.8651



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.



47.3254, 51.2817, 42.5267



83.5989, 91.1109, 70.8858



44.8079, 50.6345, 42.5345



10.8522, 11.6358, 10.7358



25.4689, 29.2235, 4.2983



1.1186, 1.2989, 0.1918

Inverse Universe

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



38.5717, 39.0145, 55.9502



64.9532, 64.9820, 99.4797



40.8251, 39.6417, 55.9525



9.5828, 9.8568, 12.6823



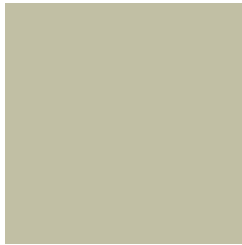
6.5225, 2.8016, 33.7536



0.3014, 0.1602, 1.4649

Previews

White Background



This preview shows how the XYZ color 47.3240, 51.2794, 42.5256 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 47.3240, 51.2794, 42.5256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

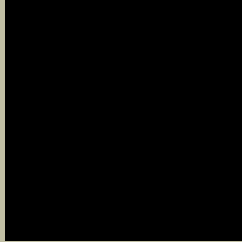
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

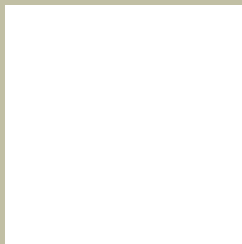
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.3240, 51.2794, 42.5256

Background



This preview shows how black text looks on a background with the XYZ color 47.3240, 51.2794, 42.5256.



This preview shows how white text looks on a background with the XYZ color 47.3240, 51.2794,

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

47.3240, 51.2794, 42.5256

Protanopia

48.3616, 51.1816, 41.9804

Deuteranopia

52.4317, 51.3719, 43.2287



Tritanopia

51.2729, 51.2937, 61.8419

Trichromacy



Original Color

47.3240, 51.2794, 42.5256

Protanomaly

48.0503, 51.3416, 42.0277

Deuteranomaly

50.3629, 51.2443, 42.8340

Tritanomaly

49.7178, 51.2901, 54.2933

Monochromacy



Original Color

47.3240, 51.2794, 42.5256

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 47.3240, 51.2794, 42.5256 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(193, 191, 164)` looks like.

```
.text, #text, p{  
    color:rgb(193, 191, 164)  
}
```

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(193, 191, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 191, 164) }
```

Border

The CSS property to change the border of an element to XYZ 47.3240, 51.2794, 42.5256 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(193, 191, 164) }
```


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

```
.border{ border-color:rgb(193, 191, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 191, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 191, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 191, 164);  
box-shadow:4px 4px 4px 4px rgb(193, 191,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3240, 51.2794, 42.5256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 191, 164) }
```

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

```
.background{ background-color: rgb(193,  
191, 164) }
```

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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