

Converting Colors

XYZ(43.0659, 50.9732, 28.1964)

Have a look what the booklet for
XYZ(43.0659, 50.9732, 28.1964)
contains.

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Color

**XYZ(43.2308, 51.1321,
28.3599)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C481
RGB	183, 196, 129
RGB Percent	72%, 77%, 51%
CMY	0.2824, 0.2314, 0.4941
CMYK	0.07, 0.00, 0.34, 0.23
HSL	72°, 36%, 64%
HSV	72°, 34%, 77%
XYZ	43.2308, 51.1321, 28.3599
YIQ	184.4750, 13.7590, -23.5930

Conversions

Conversions Part 2

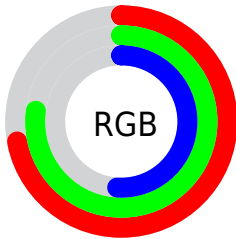
Format	Color
RYB	129, 196, 142
Decimal	12043393
CIELab	76.76, -15.30, 32.20
CIELCh	77, 35.654, 115.414
Yxy	51.1321, 0.3523, 0.4166
Android (android.graphics.Color)	4290233473 (0xFFB7C481)
YUV	184.4750, -27.3492, -1.2936
Hunter-Lab	71.5067, -17.2210, 26.5400

Details

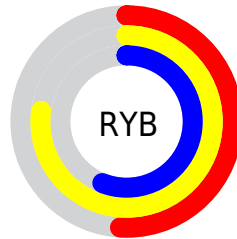
The XYZ color **43.2308, 51.1321, 28.3599** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.9714, 25.4382, 55.6106**, and the grayscale version is **45.9652, 48.3590, 52.6630**.

A 20% lighter version of the original color is **79.6077, 92.1947, 58.3993**, and **20.1375, 24.5776, 11.0797** is the 20% darker color. If you saturate the color by 10%, you get **41.1587, 50.2019, 22.1023**, and if you desaturate by 10%, it is **45.5799, 52.1794, 35.9371**.

Distribution



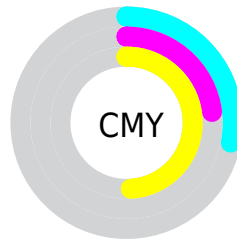
- Red (72%)
- Green (77%)
- Blue (51%)



- Red (51%)
- Yellow (77%)
- Blue (56%)



- Cyan (7%)
- Magenta (0%)
- Yellow (34%)
- Black (23%)





- Cyan (28%)
- Magenta (23%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2308, 51.1321, 28.3599 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 43.2308, 51.1321, 28.3599 by changing the saturation by 10% instead.


 43.2308, 51.1321,
28.3599


 43.2308, 51.1321,
28.3599


350.4655,
391.0768, 308.1485


 30.2616, 36.3137,
18.3557


 79.3126, 91.8500,
58.0885

 20.1863, 24.6766,
11.0336


 103.1558,
118.5184, 78.6501

 12.6396, 15.8363,
5.9750


 131.3544,
149.9055, 103.5678

 7.2561, 9.4084,
2.7613

164.2738,
186.3958, 133.2603

 3.6705, 5.0085,
0.9741

202.2792,
228.3737, 168.1461

 1.5175, 2.2522,
0.0000

245.7360,

 0.3377, 0.7483,

276.2236, 208.6437

0.0000

295.0097,
330.3298, 255.1717

■ 0.0000, 0.0000,
0.0000

■ 43.2308, 51.1321,
28.3599

■ 43.2308, 51.1321,
28.3599

■ 41.1587, 50.2019,
22.1023

■ 45.5799, 52.1794,
35.9371

■ 39.3452, 49.3762,
17.0854

■ 48.2154, 53.3425,
44.9000

■ 37.7757, 48.6508,
13.2272


■ 51.1513, 54.6285,
55.3144


■ 36.4320, 48.0186,
10.4343


■ 54.3990, 56.0422,
67.2409


■ 35.2938, 47.4712,
8.5990

■ 57.9698, 57.5879,
80.7366

 34.3358, 46.9987,
7.5908

 61.8739, 59.2700,
95.8557

 33.8340, 46.7473,
7.2399

 64.2642, 60.3495,
102.8693

 65.3578, 60.9133,
102.9204

 66.4774, 61.4904,
102.9728

Harmonies

Analogous

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



49.6466, 51.1321, 26.1953



43.2308, 51.1321, 28.3599



38.6624, 51.1321, 37.0997

Triad

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



43.2308, 51.1321, 28.3599



41.5866, 51.1321, 92.2990



62.7454, 51.1321, 58.7050

Complementary

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



43.2308, 51.1321, 28.3599



28.9714, 25.4382, 55.6106

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.



60.1082, 51.1321, 79.5981



43.2308, 51.1321, 28.3599



47.5673, 51.1321, 101.6487

Square

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



43.2308, 51.1321, 28.3599



37.7767, 51.1321, 73.2310



54.3953, 51.1321, 96.5327



61.3141, 51.1321, 41.1748

Rectangle

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



43.2308, 51.1321, 28.3599



37.0718, 51.1321, 46.8135



54.3953, 51.1321, 96.5327



62.2989, 51.1321, 65.5878

Sweetspot

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



43.2321, 51.1344, 28.3610



89.4153, 97.5385, 88.6094



36.2959, 32.4557, 25.1212



18.9789, 20.8072, 18.4036



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.



43.2321, 51.1344, 28.3610



75.4658, 91.3490, 42.6992



36.3218, 47.5720, 28.0376



10.7157, 11.6564, 10.7470



21.8085, 30.0715, 4.6550



0.9925, 1.3252, 0.2035

Inverse Universe

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



28.9714, 25.4382, 55.6106



45.7668, 37.8056, 99.4928



35.4464, 28.7762, 55.9136



9.7068, 9.8400, 12.6725



6.9727, 2.8550, 33.7402



0.3572, 0.1522, 1.4604

Previews

White Background



This preview shows how the XYZ color 43.2308, 51.1321, 28.3599 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 43.2308, 51.1321, 28.3599 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

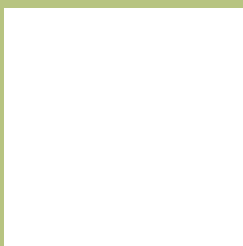
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.2308, 51.1321, 28.3599

Background



This preview shows how black text looks on a background with the XYZ color 43.2308, 51.1321, 28.3599.



This preview shows how white text looks on a background with the XYZ color 43.2308, 51.1321,

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

43.2308, 51.1321, 28.3599

Protanopia

47.1403, 50.8807, 27.0751

Deuteranopia

51.7401, 50.7212, 28.8930



Tritanopia

50.1692, 51.0114, 63.0791

Trichromacy



Original Color

43.2308, 51.1321, 28.3599

Protanomaly

45.7064, 51.1019, 27.5333

Deuteranomaly

48.2340, 50.4581, 28.6699

Tritanomaly

47.1376, 50.7409, 47.8670

Monochromacy



Original Color

43.2308, 51.1321, 28.3599

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.4512, 48.8371, 42.2056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2308, 51.1321, 28.3599 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(183, 196, 129)` looks like.

```
.text, #text, p{  
    color:rgb(183, 196, 129)  
}
```

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(183, 196, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 196, 129) }
```

Border

The CSS property to change the border of an element to XYZ 43.2308, 51.1321, 28.3599 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(183, 196, 129) }
```


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

```
.border{ border-color:rgb(183, 196, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 196, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 196, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 196, 129); box-shadow:4px 4px 4px 4px rgb(183, 196, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2308, 51.1321, 28.3599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 196, 129) }
```

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

```
.background{ background-color: rgb(183,  
196, 129) }
```

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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