

Converting Colors

XYZ(43.0687, 50.8427, 23.6882)

Have a look what the booklet for
XYZ(43.0687, 50.8427, 23.6882)
contains.

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Color

**XYZ(43.1031, 50.8328,
23.7596)**

Conversions

Conversions Part 1

Format	Color
Hex	BBC373
RGB	187, 195, 115
RGB Percent	73%, 76%, 45%
CMY	0.2667, 0.2353, 0.5490
CMYK	0.04, 0.00, 0.41, 0.24
HSL	66°, 40%, 61%
HSV	66°, 41%, 76%
XYZ	43.1031, 50.8328, 23.7596
YIQ	183.4880, 20.9120, -26.5760

Conversions

Conversions Part 2

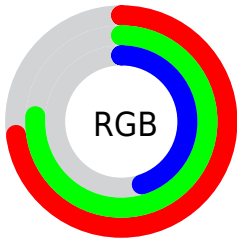
Format	Color
RYB	115, 195, 123
Decimal	12305267
CIELab	76.58, -14.90, 39.21
CIElCh	77, 41.943, 110.805
Yxy	50.8328, 0.3662, 0.4319
Android (android.graphics.Color)	4290495347 (0xFFBBC373)
YUV	183.4880, -33.7646, 3.0800
Hunter-Lab	71.2971, -16.8567, 30.1497

Details

The XYZ color **43.1031, 50.8328, 23.7596** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **24.1513, 20.4139, 54.3001**, and the grayscale version is **45.4508, 47.8178, 52.0735**.

A 20% lighter version of the original color is **78.8733, 91.0546, 50.4640**, and **19.9947, 24.3369, 8.6447** is the 20% darker color. If you saturate the color by 10%, you get **41.6240, 50.1882, 18.4399**, and if you desaturate by 10%, it is **44.8286, 51.5803, 30.3318**.

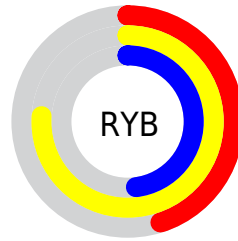
Distribution



Red (73%)

Green (76%)

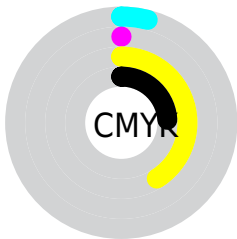
Blue (45%)



Red (45%)

Yellow (76%)

Blue (48%)

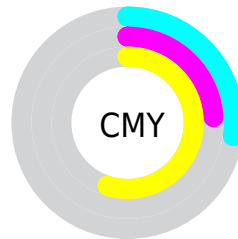


Cyan (4%)

Magenta (0%)

Yellow (41%)

Black (24%)



Cyan (27%)

Magenta (24%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1031, 50.8328, 23.7596 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 43.1031, 50.8328, 23.7596 by changing the saturation by 10% instead.

■ 43.1031, 50.8328,
23.7596

■ 43.1031, 50.8328,
23.7596

349.9499,
389.9138, 284.8501

■ 30.1609, 36.0756,
14.9448

■ 79.1212, 91.4076,
50.5765

■ 20.1094, 24.4926,
8.6345

■ 102.9277,
117.9939, 69.4158

■ 12.5833, 15.6994,
4.4100

■ 131.0864,
149.2920, 92.4336

■ 7.2173, 9.3117,
1.8529

163.9627,
185.6864, 120.0485

■ 3.6459, 4.9450,
0.4625

201.9218,
227.5614, 152.6791

■ 1.5038, 2.2151,
0.0000

245.3291,

■ 0.3284, 0.7282,

275.3013, 190.7439

0.0000

294.5501,
329.2907, 234.6614

■ 0.0000, 0.0000,
0.0000

■ 43.1031, 50.8328,
23.7596

■ 43.1031, 50.8328,
23.7596

■ 41.6240, 50.1882,
18.4399

■ 44.8286, 51.5803,
30.3318

■ 40.3724, 49.6335,
14.2901

■ 46.8105, 52.4294,
38.2260

■ 39.3327, 49.1643,
11.2225


■ 49.0629, 53.3874,
47.5102


■ 38.4856, 48.7730,
9.1360


■ 51.5976, 54.4590,
58.2468


■ 37.8084, 48.4503,
7.9102


■ 54.4258, 55.6489,
70.4945

 37.3062, 48.2035,
7.3380

 57.5581, 56.9611,
84.3089

 61.0044, 58.3997,
99.7424

 62.0887, 58.8943,
102.7030

 62.6222, 59.1693,
102.7280

Harmonies

Analogous

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



50.7906, 50.8328, 22.4831



43.1031, 50.8328, 23.7596



37.4434, 50.8328, 32.0999

Triad

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



43.1031, 50.8328, 23.7596



39.3124, 50.8328, 96.5177



64.9690, 50.8328, 62.6171

Complementary

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



43.1031, 50.8328, 23.7596



24.1513, 20.4139, 54.3001

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.



61.1104, 50.8328, 87.7546



43.1031, 50.8328, 23.7596



45.9213, 50.8328, 110.5591

Square

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



43.1031, 50.8328, 23.7596



35.4268, 50.8328, 72.3379



53.9311, 50.8328, 106.9750



64.0020, 50.8328, 41.2518

Rectangle

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



43.1031, 50.8328, 23.7596



35.3078, 50.8328, 42.2066



53.9311, 50.8328, 106.9750



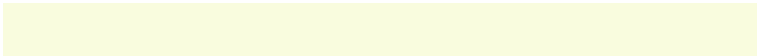
64.1788, 50.8328, 70.9687

Sweetspot

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



43.1043, 50.8351, 23.7607



87.3740, 95.4029, 83.0264



32.6849, 27.0072, 19.7106



19.0116, 20.8403, 17.6727



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.



43.1043, 50.8351, 23.7607



74.8574, 90.0200, 34.1119



34.6441, 46.4737, 23.3647



10.8109, 11.7055, 10.7515



24.2861, 31.3488, 4.7709



1.0786, 1.3696, 0.2075

Inverse Universe

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



24.1513, 20.4139, 54.3001



36.4656, 28.3653, 96.0229



31.0870, 23.9893, 54.6247



9.6198, 9.7951, 12.6685



6.6172, 2.6717, 33.7235



0.3181, 0.1321, 1.4586

Previews

White Background



This preview shows how the XYZ color 43.1031, 50.8328, 23.7596 looks on a white background.

Color Contrast Check

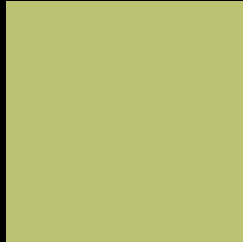
Large Text (above 18pt) WCAG AA × Fail

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 43.1031, 50.8328, 23.7596 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

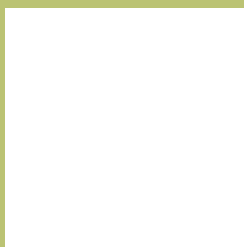
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.1031, 50.8328, 23.7596

Background



This preview shows how black text looks on a background with the XYZ color 43.1031, 50.8328, 23.7596.



This preview shows how white text looks on a background with the XYZ color 43.1031, 50.8328, 23.7596.

23.7596.

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

43.1031, 50.8328, 23.7596

Protanopia

46.9104, 50.8528, 22.9659

Deuteranopia

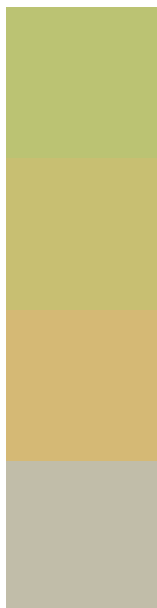
51.5862, 50.4445, 24.1574



Tritanopia

50.8002, 50.7384, 61.7596

Trichromacy



Original Color

43.1031, 50.8328, 23.7596

Protanomaly

45.4875, 50.7559, 23.3190

Deuteranomaly

48.0004, 50.1284, 23.9755

Tritanomaly

47.3513, 50.5972, 44.8067

Monochromacy



Original Color

43.1031, 50.8328, 23.7596

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.7090, 48.1996, 39.3475

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1031, 50.8328, 23.7596 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(187, 195, 115)` looks like.

```
.text, #text, p{  
    color:rgb(187, 195, 115)  
}
```

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(187, 195, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 195, 115) }
```

Border

The CSS property to change the border of an element to XYZ 43.1031, 50.8328, 23.7596 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(187, 195, 115) }
```


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

```
.border{ border-color:rgb(187, 195, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 195, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 195, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 195, 115);  
box-shadow:4px 4px 4px 4px rgb(187, 195,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1031, 50.8328, 23.7596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 195, 115) }
```

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

```
.background{ background-color: rgb(187,  
195, 115) }
```

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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