

Converting Colors

XYZ(44.9417, 52.9287, 31.6052)

Have a look what the booklet for
XYZ(44.9417, 52.9287, 31.6052)
contains.

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Color

**XYZ(44.9464, 52.9673,
31.5217)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C789
RGB	185, 199, 137
RGB Percent	73%, 78%, 54%
CMY	0.2745, 0.2196, 0.4627
CMYK	0.07, 0.00, 0.31, 0.22
HSL	74°, 36%, 66%
HSV	74°, 31%, 78%
XYZ	44.9464, 52.9673, 31.5217
YIQ	187.7460, 11.5580, -22.2500

Conversions

Conversions Part 2

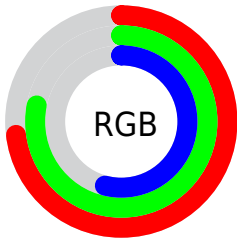
Format	Color
RYB	137, 199, 151
Decimal	12175241
CIELab	77.86, -15.01, 29.51
CIELCh	78, 33.110, 116.952
Yxy	52.9673, 0.3472, 0.4092
Android (android.graphics.Color)	4290365321 (0xFFB9C789)
YUV	187.7460, -25.0178, -2.4082
Hunter-Lab	72.7786, -17.1252, 25.2655

Details

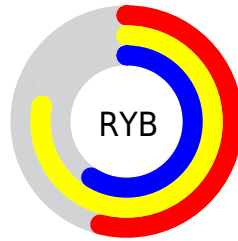
The XYZ color **44.9464, 52.9673, 31.5217** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.0190, 28.5956, 57.8677**, and the grayscale version is **47.7898, 50.2786, 54.7534**.

A 20% lighter version of the original color is **81.7819, 94.1588, 63.1543**, and **21.1652, 25.7480, 12.6584** is the 20% darker color. If you saturate the color by 10%, you get **42.5817, 51.8999, 24.6343**, and if you desaturate by 10%, it is **47.6114, 54.1624, 39.7997**.

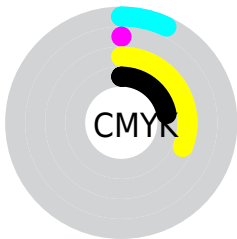
Distribution



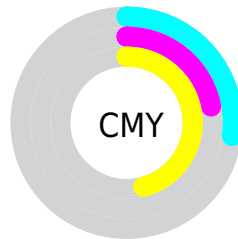
- Red (73%)
- Green (78%)
- Blue (54%)



- Red (54%)
- Yellow (78%)
- Blue (59%)



- Cyan (7%)
- Magenta (0%)
- Yellow (31%)
- Black (22%)



- Cyan (27%)
- Magenta (22%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.9464, 52.9673, 31.5217 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 44.9464, 52.9673, 31.5217 by changing the saturation by 10% instead.

■ 44.9464, 52.9673,
31.5217

■ 44.9464, 52.9673,
31.5217

357.3438,
398.1597, 323.3600

■ 31.6163, 37.7767,
20.7346

■ 81.8775, 94.5562,
63.1497

■ 21.2227, 25.8094,
12.7408

■ 106.2093,
121.7234, 84.8277

■ 13.4003, 16.6811,
7.1217

■ 134.9390,
153.6514, 110.9731

■ 7.7837, 10.0074,
3.4587

168.4319,
190.7248, 142.0044

■ 4.0075, 5.4039,
1.3334

207.0535,
233.3279, 178.3402

■ 1.7064, 2.4861,
0.0889

251.1692,

■ 0.4602, 0.8697,

281.8452, 220.3991

0.0000

301.1441,
336.6610, 268.5995

■ 0.0000, 0.0000,
0.0000

■ 44.9464, 52.9673,
31.5217

■ 44.9464, 52.9673,
31.5217

■ 42.5817, 51.8999,
24.6343

■ 47.6114, 54.1624,
39.7997

■ 40.4985, 50.9473,
19.0578

■ 50.5864, 55.4836,
49.5353

■ 38.6819, 50.1052,
14.7094


■ 53.8854, 56.9385,
60.7955


■ 37.1139, 49.3663,
11.4960


■ 57.5206, 58.5320,
73.6420


■ 35.7738, 48.7224,
9.3106


■ 61.5033, 60.2685,
88.1331


 34.6372, 48.1637,
8.0262

 65.6172, 62.0617,
103.1284

 33.7617, 47.7246,
7.4324

 66.9309, 62.7389,
103.1899

 68.2810, 63.4349,
103.2531

 69.6678, 64.1498,
103.3180

Harmonies

Analogous

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



51.0039, 52.9673, 29.0522



44.9464, 52.9673, 31.5217



40.6771, 52.9673, 40.4408

Triad

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



44.9464, 52.9673, 31.5217



43.8992, 52.9673, 92.7269



63.7238, 52.9673, 59.5751

Complementary

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



44.9464, 52.9673, 31.5217



32.0190, 28.5956, 57.8677

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.



61.4323, 52.9673, 79.2123



44.9464, 52.9673, 31.5217



49.6895, 52.9673, 100.7388

Square

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



44.9464, 52.9673, 31.5217



40.1096, 52.9673, 75.2522



56.1569, 52.9673, 95.3340



62.1858, 52.9673, 43.0688

Rectangle

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



44.9464, 52.9673, 31.5217



39.2364, 52.9673, 50.0436



56.1569, 52.9673, 95.3340



63.3715, 52.9673, 66.0395

Sweetspot

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



44.9477, 52.9697, 31.5228



89.6911, 97.6391, 90.5002



39.0460, 35.9011, 28.5393



19.0218, 20.8211, 18.7797



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.



44.9477, 52.9697, 31.5228



75.9920, 91.5208, 47.2167



38.3751, 49.5813, 31.2152



11.2806, 12.2916, 11.3407



21.7869, 30.7269, 4.7826



1.0908, 1.4855, 0.2292

Inverse Universe

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



32.0190, 28.5956, 57.8677



50.0159, 42.5279, 100.1803



38.4141, 31.8924, 58.1670



10.2771, 10.4011, 13.3834



7.3868, 3.0423, 34.9423



0.4148, 0.1776, 1.6576

Previews

White Background



This preview shows how the XYZ color 44.9464, 52.9673, 31.5217 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 44.9464, 52.9673, 31.5217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

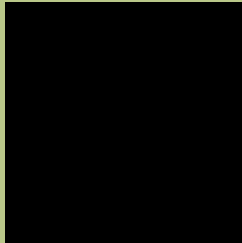
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.9464, 52.9673, 31.5217

Background



This preview shows how black text looks on a background with the XYZ color 44.9464, 52.9673, 31.5217.



This preview shows how white text looks on a background with the XYZ color 44.9464, 52.9673,

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

44.9464, 52.9673, 31.5217

Protanopia

49.1651, 52.8304, 30.1603

Deuteranopia

53.8690, 52.6684, 32.1378



Tritanopia

51.6810, 52.7040, 65.2066

Trichromacy



Original Color

44.9464, 52.9673, 31.5217

Protanomaly

47.7077, 53.0588, 30.6486

Deuteranomaly

50.0092, 52.2563, 31.8768

Tritanomaly

48.7940, 52.5116, 50.7440

Monochromacy



Original Color

44.9464, 52.9673, 31.5217

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

46.5046, 51.1286, 44.9539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.9464, 52.9673, 31.5217 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(185, 199, 137)` looks like.

```
.text, #text, p{  
    color:rgb(185, 199, 137)  
}
```

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(185, 199, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 199, 137) }
```

Border

The CSS property to change the border of an element to XYZ 44.9464, 52.9673, 31.5217 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(185, 199, 137) }
```


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

```
.border{ border-color:rgb(185, 199, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 199, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 199, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 199, 137); box-shadow:4px 4px 4px 4px rgb(185, 199, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 44.9464, 52.9673, 31.5217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 199, 137) }
```

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

```
.background{ background-color: rgb(185,  
199, 137) }
```

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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