

Converting Colors

XYZ(43.3611, 52.1080, 17.8977)

Have a look what the booklet for
XYZ(43.3611, 52.1080, 17.8977)
contains.

XYZ(43.3611, 52.1080, 17.8977)	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(43.3611, 52.1080,
17.8977)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC65C
RGB	190, 198, 92
RGB Percent	75%, 78%, 36%
CMY	0.2549, 0.2235, 0.6392
CMYK	0.04, 0.00, 0.54, 0.22
HSL	65°, 48%, 57%
HSV	65°, 54%, 78%
XYZ	43.3611, 52.1080, 17.8977
YIQ	183.5240, 29.2580, -34.6620

Conversions

Conversions Part 2

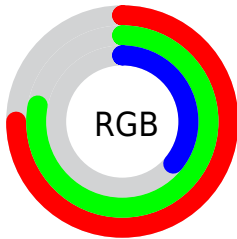
Format	Color
R_{YB}	92, 198, 100
Decimal	12502620
CIE _{Lab}	77.35, -17.44, 51.38
CIE _{LCh}	77, 54.263, 108.750
Yxy	52.1080, 0.3825, 0.4596
Android (android.graphics.Color)	4290692700 (0xFFBEC65C)
YUV	183.5240, -45.1213, 5.6795
Hunter-Lab	72.1859, -19.1027, 35.8298

Details

The XYZ color **43.3611, 52.1080, 17.8977** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **19.2775, 14.4421, 55.2007**, and the grayscale version is **45.5281, 47.8991, 52.1621**.

A 20% lighter version of the original color is **79.5822, 93.5208, 40.6450**, and **20.1710, 25.1613, 5.7130** is the 20% darker color. If you saturate the color by 10%, you get **42.2352, 51.6166, 13.9026**, and if you desaturate by 10%, it is **44.7196, 52.6966, 23.0864**.

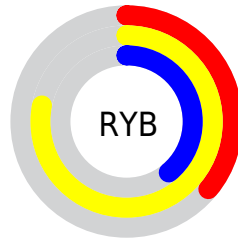
Distribution



Red (75%)

Green (78%)

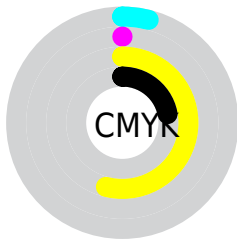
Blue (36%)



Red (36%)

Yellow (78%)

Blue (39%)

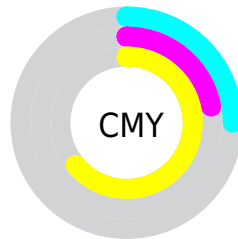


Cyan (4%)

Magenta (0%)

Yellow (54%)

Black (22%)



Cyan (25%)

Magenta (22%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3611, 52.1080, 17.8977 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 43.3611, 52.1080, 17.8977 by changing the saturation by 10% instead.

■ 43.3611, 52.1080,
17.8977

■ 43.3611, 52.1080,
17.8977

350.9911,
394.8534, 252.5105

■ 30.3643, 37.0912,
10.7079

■ 79.5078, 93.2905,
40.6745

■ 20.2647, 25.2781,
5.7591

■ 103.3884,
120.2250, 57.0986

■ 12.6970, 16.2844,
2.6327

■ 131.6277,
151.9007, 77.4378

■ 7.2958, 9.7256,
0.9093

■ 164.5909,
188.7022, 102.1108

■ 3.6957, 5.2174,
0.0000

202.6435,
231.0139, 131.5360

■ 1.5315, 2.3754,
0.0000

246.1509,

■ 0.3471, 0.8132,

279.2200, 166.1320

0.0000

295.4783,
333.7051, 206.3173

■ 0.0000, 0.0000,
0.0000

■ 43.3611, 52.1080,
17.8977

■ 43.3611, 52.1080,
17.8977

■ 42.2352, 51.6166,
13.9026

■ 44.7196, 52.6966,
23.0864

■ 41.3200, 51.2080,
11.0028

■ 46.3230, 53.3818,
29.5502

■ 40.5961, 50.8764,
9.0902

■ 48.1871, 54.1717,
37.3672

■ 40.0383, 50.6117,
8.0329

■ 50.3255, 55.0718,
46.6081

■ 39.7361, 50.4641,
7.6462

■ 52.7507, 56.0870,
57.3391

■ 55.4745, 57.2221,
69.6218

■ 58.5079, 58.4816,
83.5147

■ 61.8614, 59.8695,
99.0730

■ 62.9987, 60.3713,
102.9402

Harmonies

Analogous

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



53.5400, 52.1080, 17.0123



43.3611, 52.1080, 17.8977



35.9374, 52.1080, 26.6867

Triad

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



43.3611, 52.1080, 17.8977



37.4551, 52.1080, 111.7451



71.8945, 52.1080, 68.6848

Complementary

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



43.3611, 52.1080, 17.8977



19.2775, 14.4421, 55.2007

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.



66.1719, 52.1080, 103.6099



43.3611, 52.1080, 17.8977



45.7199, 52.1080, 133.6862

Square

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



43.3611, 52.1080, 17.8977



32.8724, 52.1080, 77.2553



56.2515, 52.1080, 130.2751



71.0282, 52.1080, 40.2167

Rectangle

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



43.3611, 52.1080, 17.8977



33.1004, 52.1080, 38.3756



56.2515, 52.1080, 130.2751



70.6487, 52.1080, 80.1812

Sweetspot

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



43.3623, 52.1104, 17.8988



88.0387, 97.0656, 77.8477



29.6904, 21.7161, 12.7527



18.6718, 20.7036, 15.9165



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.



43.3623, 52.1104, 17.8988



74.5333, 91.2862, 23.7711



32.5980, 46.5612, 17.3950



11.4418, 12.3747, 11.3483



25.8721, 32.8329, 4.9738



1.2492, 1.5671, 0.2366

Inverse Universe

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



19.2775, 14.4421, 55.2007



27.5832, 17.7902, 96.5878



26.9832, 18.4145, 55.5613



10.1297, 10.3251, 13.3765



6.7850, 2.7320, 34.9141



0.3476, 0.1429, 1.6544

Previews

White Background



This preview shows how the XYZ color 43.3611, 52.1080, 17.8977 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 43.3611, 52.1080, 17.8977 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 43.3611, 52.1080, 17.8977

Background



This preview shows how black text looks on a background with the XYZ color 43.3611, 52.1080, 17.8977.



This preview shows how white text looks on a background with the XYZ color 43.3611, 52.1080,

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

43.3611, 52.1080, 17.8977

Protanopia

47.6276, 51.9968, 17.1990

Deuteranopia

53.1002, 51.9626, 18.2974



Tritanopia

52.4586, 51.8914, 62.5095

Trichromacy



Original Color

43.3611, 52.1080, 17.8977

Protanomaly

46.0820, 52.1763, 17.5398

Deuteranomaly

49.2622, 51.8527, 18.2387

Tritanomaly

48.1352, 51.4059, 41.1035

Monochromacy



Original Color

43.3611, 52.1080, 17.8977

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.0332, 49.0687, 36.4286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3611, 52.1080, 17.8977 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(190, 198, 92)` looks like.

```
.text, #text, p{  
    color:rgb(190, 198, 92)  
}
```

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(190, 198, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 198, 92) }
```

Border

The CSS property to change the border of an element to XYZ 43.3611, 52.1080, 17.8977 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(190, 198, 92) }
```


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

```
.border{ border-color:rgb(190, 198, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 198, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 198, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 198, 92);  
box-shadow:4px 4px 4px 4px rgb(190, 198,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3611, 52.1080, 17.8977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 198, 92) }
```

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

```
.background{ background-color: rgb(190,  
198, 92) }
```

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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