

Converting Colors

XYZ(43.4815, 52.5424, 25.6942)

Have a look what the booklet for
XYZ(43.4815, 52.5424, 25.6942)
contains.

XYZ(43.5729, 52.7319, 25.6510)	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(43.5729, 52.7319,
25.6510)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C878
RGB	183, 200, 120
RGB Percent	72%, 78%, 47%
CMY	0.2824, 0.2157, 0.5294
CMYK	0.09, 0.00, 0.40, 0.22
HSL	73°, 42%, 63%
HSV	73°, 40%, 78%
XYZ	43.5729, 52.7319, 25.6510
YIQ	185.7970, 15.5480, -28.4840

Conversions

Conversions Part 2

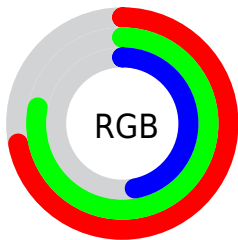
Format	Color
RYB	120, 200, 137
Decimal	12044408
CIELab	77.72, -18.42, 38.06
CIELCh	78, 42.280, 115.822
Yxy	52.7319, 0.3573, 0.4324
Android (android.graphics.Color)	4290234488 (0xFFB7C878)
YUV	185.7970, -32.4379, -2.4530
Hunter-Lab	72.6167, -19.9723, 29.8882

Details

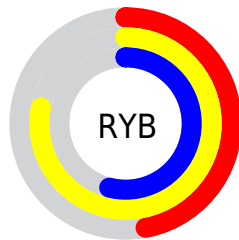
The XYZ color **43.5729, 52.7319, 25.6510** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **27.4603, 22.9228, 57.6238**, and the grayscale version is **46.7293, 49.1629, 53.5384**.

A 20% lighter version of the original color is **79.2380, 93.0624, 53.3217**, and **20.4376, 25.6671, 9.6714** is the 20% darker color. If you saturate the color by 10%, you get **41.4882, 51.7848, 19.8658**, and if you desaturate by 10%, it is **45.9443, 53.8009, 32.7751**.

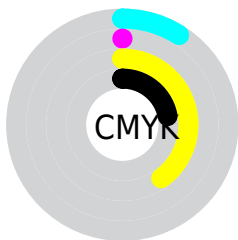
Distribution



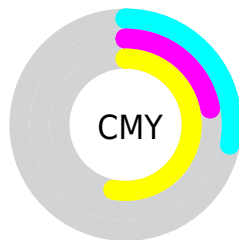
- Red (72%)
- Green (78%)
- Blue (47%)



- Red (47%)
- Yellow (78%)
- Blue (54%)



- Cyan (9%)
- Magenta (0%)
- Yellow (40%)
- Black (22%)



- Cyan (28%)
- Magenta (22%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5729, 52.7319, 25.6510 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 43.5729, 52.7319, 25.6510 by changing the saturation by 10% instead.

■ 43.5729, 52.7319,
25.6510

■ 43.5729, 52.7319,
25.6510

351.8443,
397.2557, 294.6154

■ 30.5313, 37.5888,
16.3393

■ 79.8250, 94.2097,
53.6885

■ 20.3923, 25.6637,
9.6076

■ 103.7663,
121.3133, 73.2515

■ 12.7905, 16.5722,
5.0374

■ 132.0715,
153.1724, 97.0686

■ 7.3604, 9.9300,
2.2101

165.1060,
190.1715, 125.5584

■ 3.7368, 5.3525,
0.6802

203.2352,
232.6950, 159.1394

■ 1.5544, 2.4556,
0.0000

246.8244,

■ 0.3624, 0.8543,

281.1272, 198.2302

0.0000

296.2390,
335.8527, 243.2494

■ 0.0000, 0.0000,
0.0000

■ 43.5729, 52.7319,
25.6510

■ 43.5729, 52.7319,
25.6510

■ 41.4882, 51.7848,
19.8658

■ 45.9443, 53.8009,
32.7751

■ 39.6701, 50.9460,
15.3324

■ 48.6133, 54.9906,
41.3112

■ 38.1020, 50.2107,
11.9585


■ 51.5949, 56.3090,
51.3314

■ 36.7634, 49.5706,
9.6379


■ 54.9019, 57.7612,
62.9015

■ 35.6301, 49.0160,
8.2449


■ 58.5463, 59.3519,
76.0837

 34.6565, 48.5287,
7.5404

 62.5396, 61.0859,
90.9366

 66.0759, 62.6408,
103.2161

 67.3235, 63.2840,
103.2744

 68.6036, 63.9439,
103.3343

Harmonies

Analogous

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



51.2753, 52.7319, 23.1752



43.5729, 52.7319, 25.6510



38.1953, 52.7319, 35.6362

Triad

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



43.5729, 52.7319, 25.6510



41.7890, 52.7319, 103.3575



67.5112, 52.7319, 60.7625

Complementary

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



43.5729, 52.7319, 25.6510



27.4603, 22.9228, 57.6238

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.



64.2996, 52.7319, 86.6394



43.5729, 52.7319, 25.6510



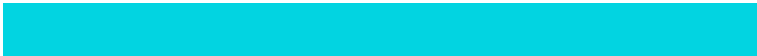
48.9823, 52.7319, 115.1187

Square

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



43.5729, 52.7319, 25.6510



37.2467, 52.7319, 79.3708



57.2923, 52.7319, 108.2929



65.6628, 52.7319, 39.9366

Rectangle

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



43.5729, 52.7319, 25.6510



36.3579, 52.7319, 47.0692



57.2923, 52.7319, 108.2929



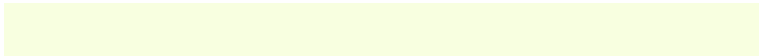
66.9790, 52.7319, 69.1780

Sweetspot

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



43.5742, 52.7343, 25.6521



88.1563, 96.9708, 84.8767



36.0156, 31.2452, 21.9027



18.7193, 20.6896, 17.6590



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.



43.5742, 52.7343, 25.6521



72.2739, 89.8577, 35.5807



35.5478, 48.5965, 25.2765



11.2947, 12.2989, 11.3414



22.1120, 30.8944, 4.7978



1.1038, 1.4921, 0.2298

Inverse Universe

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



27.4603, 22.9228, 57.6238



40.6050, 31.2175, 98.4932



35.0481, 26.8344, 57.9789



10.2639, 10.3943, 13.3828



7.3114, 3.0034, 34.9387



0.4089, 0.1745, 1.6573

Previews

White Background



This preview shows how the XYZ color 43.5729, 52.7319, 25.6510 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 43.5729, 52.7319, 25.6510 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

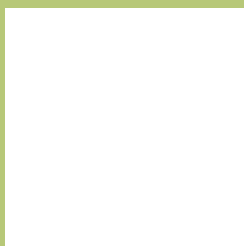
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.5729, 52.7319, 25.6510

Background



This preview shows how black text looks on a background with the XYZ color 43.5729, 52.7319, 25.6510.



This preview shows how white text looks on a background with the XYZ color 43.5729, 52.7319,

25.6510.

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

43.5729, 52.7319, 25.6510

Protanopia

48.6389, 52.6853, 24.4354

Deuteranopia

53.5266, 52.3111, 26.3447



Tritanopia

51.6810, 52.7040, 65.2066

Trichromacy



Original Color

43.5729, 52.7319, 25.6510

Protanomaly

46.6045, 52.6176, 24.8394

Deuteranomaly

49.5043, 52.1214, 26.1902

Tritanomaly

48.1670, 52.5867, 47.6560

Monochromacy



Original Color

43.5729, 52.7319, 25.6510

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.1600, 50.1845, 41.4888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5729, 52.7319, 25.6510 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, 200, 120)` looks like.

```
.text, #text, p{  
    color:rgb(183, 200, 120)  
}
```

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, 200, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 200, 120) }
```

Border

The CSS property to change the border of an element to XYZ 43.5729, 52.7319, 25.6510 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, 200, 120) }
```


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

```
.border{ border-color:rgb(183, 200, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 200, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 200, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 200, 120); box-shadow:4px 4px 4px 4px rgb(183, 200, 120) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5729, 52.7319, 25.6510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 200, 120) }
```

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

```
.background{ background-color: rgb(183,  
200, 120) }
```

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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