

Converting Colors

XYZ(42.9713, 52.5357, 26.0601)

Have a look what the booklet for
XYZ(42.9713, 52.5357, 26.0601)
contains.

XYZ(42.9279, 52.3923, 25.9394)	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(42.9279, 52.3923,
25.9394)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C879
RGB	180, 200, 121
RGB Percent	71%, 78%, 47%
CMY	0.2941, 0.2157, 0.5255
CMYK	0.10, 0.00, 0.40, 0.22
HSL	75°, 42%, 63%
HSV	75°, 40%, 78%
XYZ	42.9279, 52.3923, 25.9394
YIQ	185.0140, 13.4390, -28.8090

Conversions

Conversions Part 2

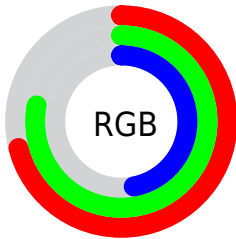
Format	Color
RYB	121, 200, 141
Decimal	11847801
CIELab	77.51, -19.46, 37.25
CIElCh	78, 42.026, 117.583
Yxy	52.3923, 0.3540, 0.4321
Android (android.graphics.Color)	4290037881 (0xFFB4C879)
YUV	185.0140, -31.5589, -4.3973
Hunter-Lab	72.3825, -20.8064, 29.4203

Details

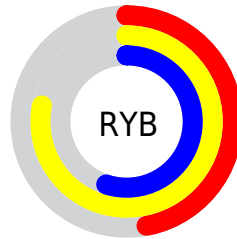
The XYZ color **42.9279, 52.3923, 25.9394** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **28.2492, 23.5090, 57.6953**, and the grayscale version is **46.2878, 48.6984, 53.0326**.

A 20% lighter version of the original color is **78.3250, 92.5805, 53.7861**, and **20.0204, 25.4483, 9.8181** is the 20% darker color. If you saturate the color by 10%, you get **40.6693, 51.3569, 20.0818**, and if you desaturate by 10%, it is **45.4865, 53.5563, 33.1404**.

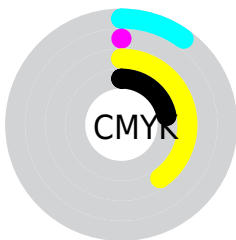
Distribution



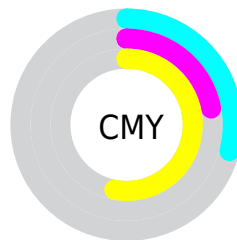
- Red (71%)
- Green (78%)
- Blue (47%)



- Red (47%)
- Yellow (78%)
- Blue (55%)



- Cyan (10%)
- Magenta (0%)
- Yellow (40%)
- Black (22%)



- Cyan (29%)
- Magenta (22%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9279, 52.3923, 25.9394 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 42.9279, 52.3923, 25.9394 by changing the saturation by 10% instead.

■ 42.9279, 52.3923,
25.9394

■ 42.9279, 52.3923,
25.9394

349.2417,
395.9492, 296.0805

■ 30.0228, 37.3179,
16.5530

■ 78.8584, 93.7095,
54.1601

■ 20.0041, 25.4537,
9.7577

■ 102.6146,
120.7211, 73.8313

■ 12.5063, 16.4154,
5.1351

■ 130.7185,
152.4806, 97.7680

■ 7.1641, 9.8186,
2.2666

163.5355,
189.3723, 126.3885

■ 3.6122, 5.2788,
0.7124

201.4310,
231.7806, 160.1115

■ 1.4852, 2.4118,
0.0000

244.7703,

■ 0.3157, 0.8319,

280.0899, 199.3555

0.0000

293.9187,
334.6847, 244.5389

■ 0.0000, 0.0000,
0.0000

■ 42.9279, 52.3923,
25.9394

■ 42.9279, 52.3923,
25.9394

■ 40.6693, 51.3569,
20.0818

■ 45.4865, 53.5563,
33.1404

■ 38.6905, 50.4366,
15.4809

■ 48.3562, 54.8479,
41.7578

■ 36.9747, 49.6264,
12.0451


■ 51.5520, 56.2750,
51.8632


■ 35.5015, 48.9180,
9.6689


■ 55.0869, 57.8429,
63.5224

■ 34.2467, 48.3017,
8.2276

■ 58.9730, 59.5565,
76.7973


 33.1676, 47.7604,
7.4993

 63.2219, 61.4204,
91.7464

 33.1158, 47.7343,
7.4683

 66.8623, 63.0462,
103.2528

 68.3768, 63.8269,
103.3237

 69.9378, 64.6316,
103.3968

Harmonies

Analogous

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



50.4572, 52.3923, 23.0772



42.9279, 52.3923, 25.9394



37.7721, 52.3923, 36.3187

Triad

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



42.9279, 52.3923, 25.9394



41.9054, 52.3923, 103.5959



67.0365, 52.3923, 58.9486

Complementary

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



42.9279, 52.3923, 25.9394



28.2492, 23.5090, 57.6953

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.



64.1370, 52.3923, 84.4569



42.9279, 52.3923, 25.9394



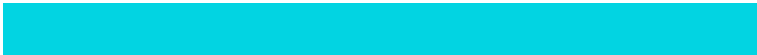
49.1432, 52.3923, 114.2282

Square

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



42.9279, 52.3923, 25.9394



37.2283, 52.3923, 80.2939



57.3630, 52.3923, 106.4219



64.9178, 52.3923, 38.7843

Rectangle

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



42.9279, 52.3923, 25.9394



36.0822, 52.3923, 47.9818



57.3630, 52.3923, 106.4219



66.6101, 52.3923, 67.1861

Sweetspot

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



42.9292, 52.3946, 25.9405



87.7155, 96.7435, 84.8560



36.7605, 32.6375, 22.4521



18.6151, 20.6359, 17.6541



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.



42.9292, 52.3946, 25.9405



71.0869, 89.2253, 36.4526



35.0493, 48.3324, 25.5717



11.2516, 12.2766, 11.3394



21.1412, 30.3940, 4.7524



1.0649, 1.4721, 0.2280

Inverse Universe

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



28.2492, 23.5090, 57.6953



42.3557, 32.6426, 98.6760



36.1452, 27.5795, 58.0648



10.3042, 10.4151, 13.3847



7.5562, 3.1296, 34.9502



0.4270, 0.1839, 1.6581

Previews

White Background



This preview shows how the XYZ color 42.9279, 52.3923, 25.9394 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 42.9279, 52.3923, 25.9394 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

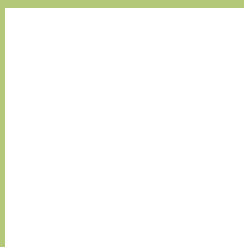
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.9279, 52.3923, 25.9394

Background



This preview shows how black text looks on a background with the XYZ color 42.9279, 52.3923, 25.9394.



This preview shows how white text looks on a background with the XYZ color 42.9279, 52.3923,

25.9394.

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

42.9279, 52.3923, 25.9394

Protanopia

48.1953, 52.1249, 24.6605

Deuteranopia

53.2683, 52.1706, 26.6644



Tritanopia

50.9188, 52.3111, 65.1709

Trichromacy



Original Color

42.9279, 52.3923, 25.9394

Protanomaly

45.9103, 51.9212, 25.0548

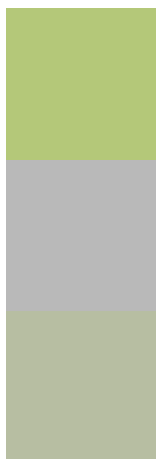
Deuteranomaly

48.9871, 51.8475, 26.4945

Tritanomaly

47.4253, 52.2044, 47.6213

Monochromacy



Original Color

42.9279, 52.3923, 25.9394

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

44.4635, 49.5028, 41.3939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9279, 52.3923, 25.9394 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(180, 200, 121)` looks like.

```
.text, #text, p{  
    color:rgb(180, 200, 121)  
}
```

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(180, 200, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 200, 121) }
```

Border

The CSS property to change the border of an element to XYZ 42.9279, 52.3923, 25.9394 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(180, 200, 121) }
```


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

```
.border{ border-color:rgb(180, 200, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 200, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 200, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 200, 121);  
box-shadow:4px 4px 4px 4px rgb(180, 200,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9279, 52.3923, 25.9394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 200, 121) }
```

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

```
.background{ background-color: rgb(180,  
200, 121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor