

Converting Colors

XYZ(42.8456, 52.0927, 25.6854)

Have a look what the booklet for
XYZ(42.8456, 52.0927, 25.6854)
contains.

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Color

**XYZ(42.8696, 52.0267,
25.5520)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B5C778 |
| RGB | 181, 199, 120 |
| RGB Percent | 71%, 78%, 47% |
| CMY | 0.2902, 0.2196, 0.5294 |
| CMYK | 0.09, 0.00, 0.40, 0.22 |
| HSL | 74°, 41%, 63% |
| HSV | 74°, 40%, 78% |
| XYZ | 42.8696, 52.0267, 25.5520 |
| YIQ | 184.6120, 14.6310, -28.3850 |

Conversions

Conversions Part 2

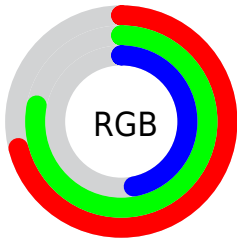
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 120, 199, 138 |
| Decimal | 11913080 |
| CIELab | 77.30, -18.69, 37.49 |
| CIELCh | 77, 41.895, 116.499 |
| Yxy | 52.0267, 0.3559, 0.4319 |
| Android (android.graphics.Color) | 4290103160 (0xFFB5C778) |
| YUV | 184.6120, -31.8537, -3.1677 |
| Hunter-Lab | 72.1295, -20.1367, 29.4871 |

Details

The XYZ color **42.8696, 52.0267, 25.5520** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **27.5086, 22.9612, 57.0180**, and the grayscale version is **46.0652, 48.4642, 52.7775**.

A 20% lighter version of the original color is **78.5627, 92.7143, 53.2901**, and **19.9833, 25.2050, 9.6062** is the 20% darker color. If you saturate the color by 10%, you get **40.7394, 51.0556, 19.7900**, and if you desaturate by 10%, it is **45.2880, 53.1207, 32.6398**.

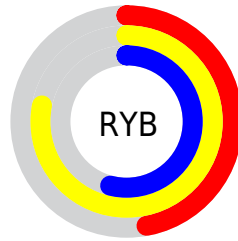
Distribution



Red (71%)

Green (78%)

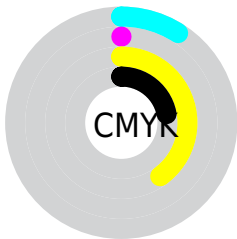
Blue (47%)



Red (47%)

Yellow (78%)

Blue (54%)

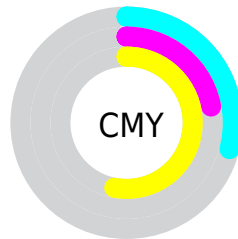


Cyan (9%)

Magenta (0%)

Yellow (40%)

Black (22%)



Cyan (29%)

Magenta (22%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8696, 52.0267, 25.5520 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 42.8696, 52.0267, 25.5520 by changing the saturation by 10% instead.

■ 42.8696, 52.0267,
25.5520

■ 42.8696, 52.0267,
25.5520

349.0058,
394.5397, 294.1111

■ 29.9769, 37.0264,
16.2660

■ 78.7710, 93.1706,
53.5265

■ 19.9690, 25.2279,
9.5562

■ 102.5104,
120.0830, 73.0521

■ 12.4807, 16.2469,
5.0040

■ 130.5960,
151.7348, 96.8280

■ 7.1464, 9.6991,
2.1908

163.3933,
188.5105, 125.2728

■ 3.6010, 5.1999,
0.6691

201.2676,
230.7944, 158.8050

■ 1.4790, 2.3650,
0.0000

244.5842,

■ 0.3115, 0.8078,

278.9710, 197.8430

0.0000

293.7085,
333.4246, 242.8055

■ 0.0000, 0.0000,
0.0000

■ 42.8696, 52.0267,
25.5520

■ 42.8696, 52.0267,
25.5520

■ 40.7394, 51.0556,
19.7900

■ 45.2880, 53.1207,
32.6398

■ 38.8776, 50.1939,
15.2678

■ 48.0054, 54.3366,
41.1254

■ 37.2678, 49.4370,
11.8949


■ 51.0367, 55.6821,
51.0798


■ 35.8896, 48.7766,
9.5666


■ 54.3945, 57.1623,
62.5680


■ 34.7194, 48.2033,
8.1597


■ 58.0908, 58.7821,
75.6512

 33.7138, 47.6996,
7.4473

 62.1368, 60.5459,
90.3872

 33.6846, 47.6849,
7.4288

 65.8421, 62.1777,
103.1390

 67.1742, 62.8644,
103.2013

 68.5434, 63.5702,
103.2654

Harmonies

Analogous

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



50.3996, 52.0267, 22.9586



42.8696, 52.0267, 25.5520



37.6494, 52.0267, 35.5616

Triad

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



42.8696, 52.0267, 25.5520



41.4005, 52.0267, 102.1537



66.5357, 52.0267, 59.3942

Complementary

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



42.8696, 52.0267, 25.5520



27.5086, 22.9612, 57.0180

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.



63.4894, 52.0267, 84.7589



42.8696, 52.0267, 25.5520



48.5121, 52.0267, 113.3079

Square

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



42.8696, 52.0267, 25.5520



36.8680, 52.0267, 78.7812



56.6711, 52.0267, 106.2105



64.6108, 52.0267, 39.1053

Rectangle

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



42.8696, 52.0267, 25.5520



35.8928, 52.0267, 46.9304



56.6711, 52.0267, 106.2105



66.0515, 52.0267, 67.6227

Sweetspot

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



42.8709, 52.0290, 25.5531



87.9895, 96.8848, 84.8689



35.9075, 31.4243, 21.9430



18.6799, 20.6693, 17.6572



0.0000, 0.0000, 0.0000



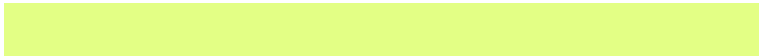
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.8709, 52.0290, 25.5531



71.6775, 89.5503, 35.5528



35.0366, 47.9903, 25.1865



11.2784, 12.2904, 11.3406



21.7377, 30.7015, 4.7803



1.0889, 1.4844, 0.2291

Inverse Universe

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



27.5086, 22.9612, 57.0180



40.9794, 31.4105, 98.5107



35.0714, 26.8599, 57.3719



10.2791, 10.4021, 13.3835



7.3987, 3.0484, 34.9428



0.4157, 0.1781, 1.6576

Previews

White Background



This preview shows how the XYZ color 42.8696, 52.0267, 25.5520 looks on a white background.

Color Contrast Check

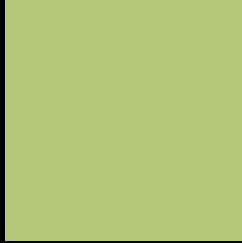
Large Text (above 18pt) WCAG AA × Fail

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 42.8696, 52.0267, 25.5520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

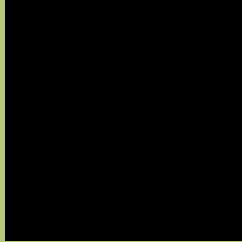
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.8696, 52.0267, 25.5520

Background



This preview shows how black text looks on a background with the XYZ color 42.8696, 52.0267, 25.5520.



This preview shows how white text looks on a background with the XYZ color 42.8696, 52.0267,

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

42.8696, 52.0267, 25.5520

Protanopia

47.8541, 51.9559, 24.3359

Deuteranopia

52.6791, 51.5691, 26.2461



Tritanopia

50.8349, 51.9613, 64.4770

Trichromacy



Original Color

42.8696, 52.0267, 25.5520

Protanomaly

45.8505, 51.8973, 24.7402

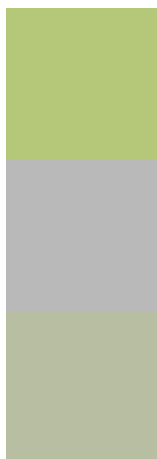
Deuteranomaly

48.7097, 51.3935, 26.0916

Tritanomaly

47.3518, 51.8484, 47.0472

Monochromacy



Original Color

42.8696, 52.0267, 25.5520

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

44.6136, 49.5905, 40.9387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8696, 52.0267, 25.5520 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(181, 199, 120)` looks like.

```
.text, #text, p{  
    color:rgb(181, 199, 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(181, 199, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 199, 120) }
```

Border

The CSS property to change the border of an element to XYZ 42.8696, 52.0267, 25.5520 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(181, 199, 120) }
```


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

```
.border{ border-color:rgb(181, 199, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 199, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 199, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 199, 120);  
box-shadow:4px 4px 4px 4px rgb(181, 199,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8696, 52.0267, 25.5520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 199, 120) }
```

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

```
.background{ background-color: rgb(181,  
199, 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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