

Converting Colors

XYZ(41.1685, 52.2415, 42.1902)

Have a look what the booklet for
XYZ(41.1685, 52.2415, 42.1902)
contains.

XYZ(41.0144, 52.0928, 42.0757)	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(41.0144, 52.0928,
42.0757)**

Conversions

Conversions Part 1

Format	Color
Hex	99CBA2
RGB	153, 203, 162
RGB Percent	60%, 80%, 64%
CMY	0.4000, 0.2039, 0.3647
CMYK	0.25, 0.00, 0.20, 0.20
HSL	131°, 32%, 70%
HSV	131°, 25%, 80%
XYZ	41.0144, 52.0928, 42.0757
YIQ	183.3760, -16.6390, -23.3510

Conversions

Conversions Part 2

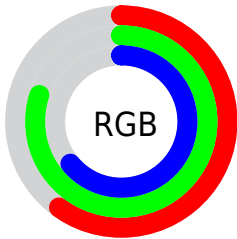
Format	Color
RYB	153, 195, 203
Decimal	10079138
CIELab	77.34, -24.48, 15.25
CIELCh	77, 28.838, 148.077
Yxy	52.0928, 0.3034, 0.3854
Android (android.graphics.Color)	4288269218 (0xFF99CBA2)
YUV	183.3760, -10.5384, -26.6398
Hunter-Lab	72.1753, -24.8723, 15.9587

Details

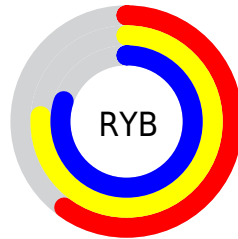
The XYZ color **41.0144, 52.0928, 42.0757** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.7592, 39.3752, 56.2295**, and the grayscale version is **45.2800, 47.6381, 51.8779**.

A 20% lighter version of the original color is **74.2968, 89.9397, 79.0899**, and **18.9287, 25.3874, 18.6545** is the 20% darker color. If you saturate the color by 10%, you get **36.1209, 49.7314, 34.6274**, and if you desaturate by 10%, it is **46.7584, 54.8730, 50.5886**.

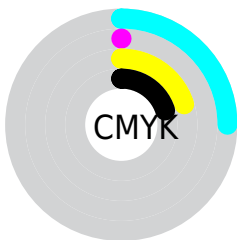
Distribution



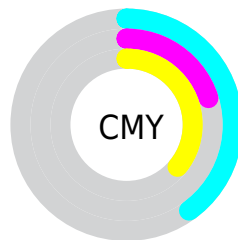
- Red (60%)
- Green (80%)
- Blue (64%)



- Red (60%)
- Yellow (76%)
- Blue (80%)



- Cyan (25%)
- Magenta (0%)
- Yellow (20%)
- Black (20%)





- Cyan (40%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0144, 52.0928, 42.0757 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 41.0144, 52.0928, 42.0757 by changing the saturation by 10% instead.


 41.0144, 52.0928,
42.0757


 41.0144, 52.0928,
42.0757


341.4424,
394.7948, 370.6056

 28.5181, 37.0790,
28.8346


 75.9803, 93.2681,
79.5855

 18.8590, 25.2687,
18.7112


 99.1806, 120.1984,
104.6913

 11.6718, 16.2774,
11.2871


126.6796,
151.8697, 134.5889

 6.5912, 9.7206,
6.1437

158.8426,
188.6664, 169.6971

 3.2518, 5.2141,
2.8624

196.0351,
230.9728, 210.4343

 1.2883, 2.3734,
1.0248

238.6223,

 0.1744, 0.8122,

279.1735, 257.2191

0.0000

286.9696,
333.6526, 310.4700

■ 0.0000, 0.0000,
0.0000

■ 41.0144, 52.0928,
42.0757

■ 41.0144, 52.0928,
42.0757

■ 36.1209, 49.7314,
34.6274

■ 46.7584, 54.8730,
50.5886

■ 32.0332, 47.7622,
28.1984

■ 53.3867, 58.0841,
60.2021

■ 28.7087, 46.1656,
22.7453

■ 60.9363, 61.7458,
70.9547

■ 26.0990, 44.9177,
18.2204

■ 69.4406, 65.8748,
82.8821

■ 24.1504, 43.9919,
14.5718

■ 78.9316, 70.4866,
96.0184

■ 22.8009, 43.3574,
11.7424

■ 80.6469, 71.1939,
104.0990

■ 21.9765, 42.9775,
9.6683

■ 21.6837, 42.8446,
8.8397

Harmonies

Analogous

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



44.6687, 52.0928, 33.8455



41.0144, 52.0928, 42.0757



39.6156, 52.0928, 55.7029

Triad

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



41.0144, 52.0928, 42.0757



49.1562, 52.0928, 92.9799



59.5135, 52.0928, 43.5451

Complementary

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



41.0144, 52.0928, 42.0757



45.7592, 39.3752, 56.2295

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.



60.9344, 52.0928, 57.7498



41.0144, 52.0928, 42.0757



54.6947, 52.0928, 88.1027

Square

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



41.0144, 52.0928, 42.0757



44.0933, 52.0928, 86.7372



59.1105, 52.0928, 74.4205



55.3588, 52.0928, 34.5761

Rectangle

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



41.0144, 52.0928, 42.0757



40.0650, 52.0928, 66.7176



59.1105, 52.0928, 74.4205



60.3397, 52.0928, 47.7750

Sweetspot

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



41.0158, 52.0950, 42.0769



86.5173, 95.8632, 96.6646



49.5274, 56.5721, 38.4467



18.3686, 20.4461, 20.4740



0.0000, 0.0000, 0.0000



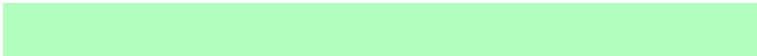
20.3446, 21.4041, 23.3091

Same Dimension

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



41.0158, 52.0950, 42.0769



63.7794, 84.8620, 63.0447



43.3928, 53.0458, 54.5940



11.1491, 12.5694, 12.3428



13.8231, 27.2745, 5.7532



0.7389, 1.4174, 0.4323

Inverse Universe

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



45.7592, 39.3752, 56.2295



73.1716, 59.6648, 91.0592



43.2456, 38.3698, 42.9930



11.5975, 11.3677, 13.6812



20.1114, 9.8552, 24.1031



1.0607, 0.5177, 1.3657

Previews

White Background



This preview shows how the XYZ color 41.0144, 52.0928, 42.0757 looks on a white background.

Color Contrast Check

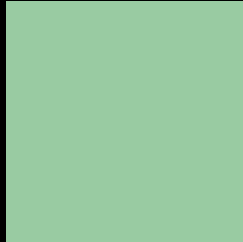
Large Text (above 18pt) WCAG AA × Fail

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 41.0144, 52.0928, 42.0757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

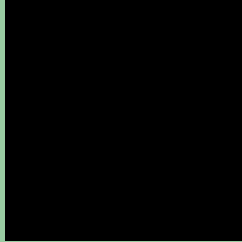
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0144, 52.0928, 42.0757

Background



This preview shows how black text looks on a background with the XYZ color 41.0144, 52.0928, 42.0757.



This preview shows how white text looks on a background with the XYZ color 41.0144, 52.0928,

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

41.0144, 52.0928, 42.0757

Protanopia

48.7713, 51.7838, 38.8772

Deuteranopia

52.7299, 51.5256, 43.2427



Tritanopia

46.5239, 51.9147, 69.8558

Trichromacy



Original Color

41.0144, 52.0928, 42.0757

Protanomaly

45.4538, 51.6892, 39.9291

Deuteranomaly

47.4531, 51.0129, 42.9427

Tritanomaly

44.4591, 52.1128, 58.7545

Monochromacy



Original Color

41.0144, 52.0928, 42.0757

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.1646, 48.6927, 47.6811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0144, 52.0928, 42.0757 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(153, 203, 162)` looks like.

```
.text, #text, p{  
    color:rgb(153, 203, 162)  
}
```

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(153, 203, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 203, 162) }
```

Border

The CSS property to change the border of an element to XYZ 41.0144, 52.0928, 42.0757 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(153, 203, 162) }
```


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

```
.border{ border-color:rgb(153, 203, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 203, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 203, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 203, 162);  
box-shadow:4px 4px 4px 4px rgb(153, 203,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0144, 52.0928, 42.0757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 203, 162) }
```

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

```
.background{ background-color: rgb(153,  
203, 162) }
```

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