

Converting Colors

XYZ(41.6892, 63.8078, 52.7667)

Have a look what the booklet for
XYZ(41.6892, 63.8078, 52.7667)
contains.

XYZ(41.6892, 63.8078, 52.7667)	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(41.6892, 63.8078,
52.7667)**

Conversions

Conversions Part 1

Format	Color
Hex	5CE9B3
RGB	92, 233, 179
RGB Percent	36%, 91%, 70%
CMY	0.6392, 0.0863, 0.2980
CMYK	0.61, 0.00, 0.23, 0.09
HSL	157°, 76%, 64%
HSV	157°, 61%, 91%
XYZ	41.6892, 63.8078, 52.7667
YIQ	184.6850, -66.7020, -46.6860

Conversions

Conversions Part 2

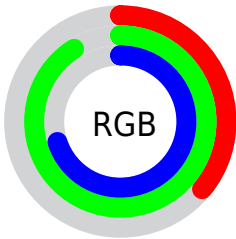
Format	Color
RYB	92, 179, 233
Decimal	6089139
CIELab	83.87, -50.56, 15.09
CIElCh	84, 52.762, 163.385
Yxy	63.8078, 0.2634, 0.4032
Android (android.graphics.Color)	4284279219 (0xFF5CE9B3)
YUV	184.6850, -2.8027, -81.2847
Hunter-Lab	79.8798, -46.6306, 16.7503

Details

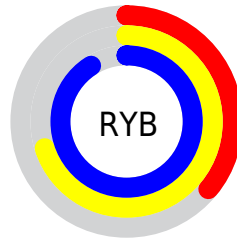
The XYZ color **41.6892, 63.8078, 52.7667** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **42.6218, 27.0547, 30.1721**, and the grayscale version is **45.9822, 48.3769, 52.6824**.

A 20% lighter version of the original color is **64.0818, 84.3882, 91.5083**, and **19.2912, 32.5570, 25.0060** is the 20% darker color. If you saturate the color by 10%, you get **38.8364, 62.4397, 48.0742**, and if you desaturate by 10%, it is **45.3194, 65.5732, 57.8034**.

Distribution



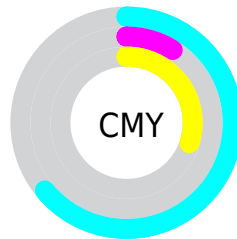
- Red (36%)
- Green (91%)
- Blue (70%)



- Red (36%)
- Yellow (70%)
- Blue (91%)



- Cyan (61%)
- Magenta (0%)
- Yellow (23%)
- Black (9%)





- Cyan (64%)
- Magenta (9%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6892, 63.8078, 52.7667 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 41.6892, 63.8078, 52.7667 by changing the saturation by 10% instead.


 41.6892, 63.8078,
52.7667

 41.6892, 63.8078,
52.7667


344.2065,
438.4952, 414.4303


 29.0480, 46.4950,
37.2301


 76.9971, 110.3341,
95.6990


 19.2616, 32.6366,
25.0885


 100.3946,
140.3164, 123.9319

 11.9646, 21.8482,
15.9234

 128.1083,
175.2907, 157.2339

 6.7916, 13.7454,
9.3162

 160.5035,
215.6413, 196.0236

 3.3773, 7.9438,
4.8484

197.9456,
261.7527, 240.7195

 1.3563, 4.0590,
2.1014

240.7998,

 0.2247, 1.7066,

314.0092, 291.7403

0.6166

289.4317,
372.7952, 349.5043

■ 0.0000, 0.4279,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.6892, 63.8078,
52.7667

■ 41.6892, 63.8078,
52.7667

■ 38.8364, 62.4397,
48.0742

■ 45.3194, 65.5732,
57.8034

■ 36.6867, 61.4258,
43.7124


■ 49.7824, 67.7594,
63.1882


■ 35.1596, 60.7264,
39.6731


■ 55.1341, 70.3967,
68.9305


■ 34.1562, 60.2865,
36.1279


■ 61.4241, 73.5107,
75.0379

 68.6981, 77.1247,
81.5178

 76.9989, 81.2607,
88.3772

 86.3274, 85.9190,
95.6210

 87.6971, 86.4669,
102.8335

 88.4300, 86.7601,
106.6933

Harmonies

Analogous

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



46.5824, 63.8078, 32.6287



41.6892, 63.8078, 52.7667



41.4363, 63.8078, 85.3345

Triad

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



41.6892, 63.8078, 52.7667



65.9578, 63.8078, 151.9725



78.3414, 63.8078, 34.1911

Complementary

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



41.6892, 63.8078, 52.7667



42.6218, 27.0547, 30.1721

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.



85.0325, 63.8078, 55.7148



41.6892, 63.8078, 52.7667



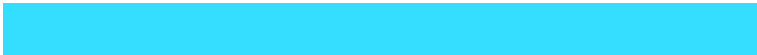
77.2918, 63.8078, 126.9970

Square

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



41.6892, 63.8078, 52.7667



54.4915, 63.8078, 150.4078



84.6256, 63.8078, 89.3854



67.2503, 63.8078, 24.4861

Rectangle

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



41.6892, 63.8078, 52.7667



43.8670, 63.8078, 110.8792



84.6256, 63.8078, 89.3854



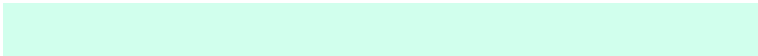
81.2395, 63.8078, 39.9243

Sweetspot

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



41.6909, 63.8103, 52.7682



77.4304, 91.2289, 93.9713



42.9356, 65.1688, 20.4419



16.0456, 19.2649, 19.6276



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.



41.6909, 63.8103, 52.7682



46.8246, 76.2281, 57.4316



43.8206, 57.5550, 85.8934



15.2590, 17.0184, 18.0467



19.4425, 34.2315, 20.8271



1.5734, 2.7067, 1.8814

Inverse Universe

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



42.6218, 27.0547, 30.1721



48.1032, 27.3955, 27.6192



40.9480, 28.9182, 13.5496



15.3042, 15.1495, 16.8872



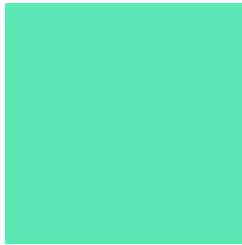
20.1526, 10.2637, 6.6048



1.6281, 0.8242, 0.7591

Previews

White Background



This preview shows how the XYZ color 41.6892, 63.8078, 52.7667 looks on a white background.

Color Contrast Check

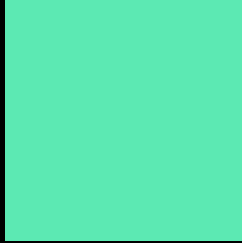
Large Text (above 18pt) WCAG AA × Fail

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 41.6892, 63.8078, 52.7667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

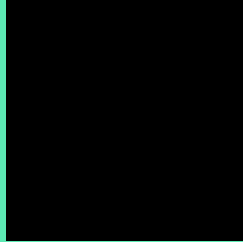
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.6892, 63.8078, 52.7667

Background



This preview shows how black text looks on a background with the XYZ color 41.6892, 63.8078, 52.7667.



This preview shows how white text looks on a background with the XYZ color 41.6892, 63.8078, 52.7667.

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

41.6892, 63.8078, 52.7667

Protanopia

58.7110, 62.5945, 45.0639

Deuteranopia

63.7782, 62.5159, 55.1597



Tritanopia

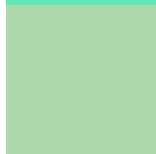
50.0423, 63.8989, 94.4902

Trichromacy



Original Color

41.6892, 63.8078, 52.7667



Protanomaly

49.1401, 60.9362, 47.7000



Deuteranomaly

51.6192, 60.5731, 53.7709



Tritanomaly

46.6055, 63.7183, 77.5526

Monochromacy



Original Color

41.6892, 63.8078, 52.7667



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

42.4303, 52.2393, 52.6466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6892, 63.8078, 52.7667 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(92, 233, 179)` looks like.

```
.text, #text, p{  
    color:rgb(92, 233, 179)  
}
```

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(92, 233, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 233, 179) }
```

Border

The CSS property to change the border of an element to XYZ 41.6892, 63.8078, 52.7667 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(92, 233, 179) }
```


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

```
.border{ border-color:rgb(92, 233, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 233, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 233, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 233, 179);  
box-shadow:4px 4px 4px 4px rgb(92, 233,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6892, 63.8078, 52.7667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 233, 179) }
```

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

```
.background{ background-color: rgb(92, 233,  
179) }
```

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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