

Converting Colors

XYZ(41.1534, 52.9888, 67.1070)

Have a look what the booklet for
XYZ(41.1534, 52.9888, 67.1070)
contains.

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Color

**XYZ(41.1831, 53.0526,
67.1011)**

Conversions

Conversions Part 1

Format	Color
Hex	77CFCF
RGB	119, 207, 207
RGB Percent	47%, 81%, 81%
CMY	0.5333, 0.1882, 0.1882
CMYK	0.43, 0.00, 0.00, 0.19
HSL	180°, 48%, 64%
HSV	180°, 43%, 81%
XYZ	41.1831, 53.0526, 67.1011
YIQ	180.6880, -52.4480, -18.6560

Conversions

Conversions Part 2

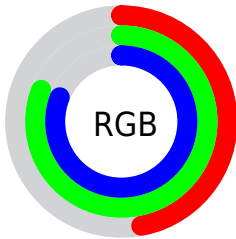
Format	Color
R_{YB}	119, 163, 207
Decimal	7851983
CIE _{Lab}	77.91, -26.41, -8.29
CIE _{LCh}	78, 27.685, 197.425
Yxy	53.0526, 0.2553, 0.3288
Android (android.graphics.Color)	4286042063 (0xFF77CFCF)
YUV	180.6880, 12.9718, -54.1004
Hunter-Lab	72.8372, -26.5389, -3.6347

Details

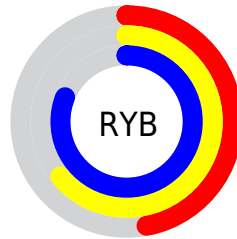
The XYZ color **41.1831, 53.0526, 67.1011** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **35.6606, 27.7926, 20.9397**, and the grayscale version is **43.7064, 45.9826, 50.0750**.

A 20% lighter version of the original color is **71.7145, 87.9701, 107.8079**, and **18.9025, 25.7485, 34.1107** is the 20% darker color. If you saturate the color by 10%, you get **38.6461, 51.7460, 66.9832**, and if you desaturate by 10%, it is **44.3419, 54.6823, 67.2504**.

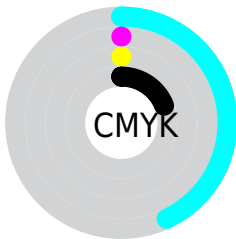
Distribution



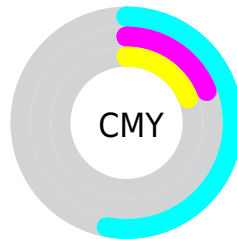
- Red (47%)
- Green (81%)
- Blue (81%)



- Red (47%)
- Yellow (64%)
- Blue (81%)



- Cyan (43%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (53%)
- Magenta (19%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1831, 53.0526, 67.1011 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 41.1831, 53.0526, 67.1011 by changing the saturation by 10% instead.

41.1831, 53.0526,
67.1011

41.1831, 53.0526,
67.1011

342.1348,
398.4869, 468.8158

28.6505, 37.8448,
48.7047

76.2347, 94.6818,
116.7073

18.9595, 25.8622,
34.0213

99.4844, 121.8719,
148.7541

11.7449, 16.7206,
22.6325

127.0372,
153.8249, 186.1882

6.6412, 10.0355,
14.1196

159.2585,
190.9251, 229.4280

3.2830, 5.4225,
8.0642

196.5135,
233.5571, 278.8922

1.3051, 2.4972,
4.0477

239.1676,

0.1871, 0.8752,

282.1051, 334.9992

1.6516

287.5863,
336.9536, 398.1675

■ 0.0000, 0.0000,
0.3272

■ 0.0000, 0.0000,
0.0000

■ 41.1831, 53.0526,
67.1011

■ 41.1831, 53.0526,
67.1011

■ 38.6461, 51.7460,
66.9832

■ 44.3419, 54.6823,
67.2504

■ 36.6857, 50.7354,
66.8912


■ 48.1548, 56.6479,
67.4292


■ 35.2580, 49.9994,
66.8240


■ 52.6573, 58.9690,
67.6402


■ 34.3108, 49.5111,
66.7794

■ 57.8811, 61.6620,
67.8850


 33.7813, 49.2381,
66.7543


 63.8561, 64.7422,
68.1649

 33.5760, 49.1323,
66.7444

 70.6101, 68.2240,
68.4813

 74.8168, 70.3926,
68.6785

 74.8168, 70.3926,
68.6788

 74.8169, 70.3927,
68.6791

Harmonies

Analogous

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



40.9854, 53.0526, 51.5509



41.1831, 53.0526, 67.1011



43.7436, 53.0526, 82.4495

Triad

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



41.1831, 53.0526, 67.1011



58.4345, 53.0526, 80.2221



52.7113, 53.0526, 33.4018

Complementary

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



41.1831, 53.0526, 67.1011



35.6606, 27.7926, 20.9397

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.



57.7540, 53.0526, 38.5764



41.1831, 53.0526, 67.1011



61.2127, 53.0526, 64.4599

Square

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



41.1831, 53.0526, 67.1011



53.5872, 53.0526, 90.9015



60.9552, 53.0526, 49.3382



47.3895, 53.0526, 33.8543

Rectangle

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



41.1831, 53.0526, 67.1011



46.5562, 53.0526, 89.6750



60.9552, 53.0526, 49.3382



54.5022, 53.0526, 34.4961

Sweetspot

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



41.1847, 53.0547, 67.1023



83.8881, 94.2459, 108.3770



33.4549, 49.9862, 25.3391



17.5930, 19.9856, 23.1801



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.



41.1847, 53.0547, 67.1023



62.2596, 83.0960, 107.3628



32.2311, 35.1471, 64.1191



12.1584, 13.4071, 15.1906



21.1536, 30.9544, 42.0504



1.1828, 1.7308, 2.3512

Inverse Universe

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



35.6606, 27.7926, 20.9397



52.2660, 37.3940, 23.8494



41.9021, 40.2758, 23.0196



11.8088, 11.8083, 12.2689



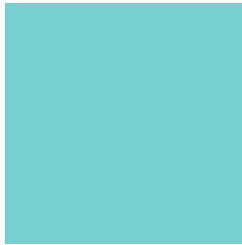
16.2124, 8.3578, 0.7588



0.9065, 0.4673, 0.0425

Previews

White Background



This preview shows how the XYZ color 41.1831, 53.0526, 67.1011 looks on a white background.

Color Contrast Check

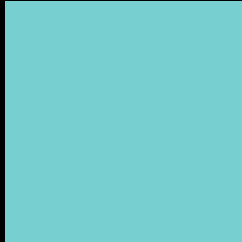
Large Text (above 18pt) WCAG AA × Fail

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 41.1831, 53.0526, 67.1011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

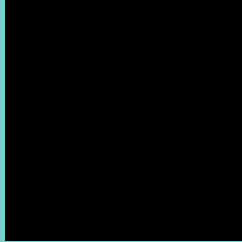
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1831, 53.0526, 67.1011

Background



This preview shows how black text looks on a background with the XYZ color 41.1831, 53.0526, 67.1011.

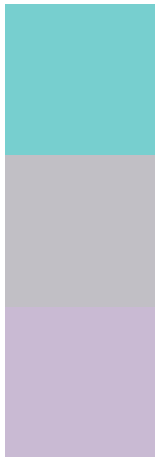


This preview shows how white text looks on a background with the XYZ color 41.1831, 53.0526,

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

41.1831, 53.0526, 67.1011

Protanopia

50.7012, 52.6303, 60.3097

Deuteranopia

53.4042, 52.2385, 68.8963



Tritanopia

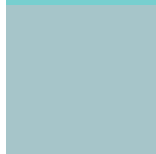
43.0508, 53.0941, 76.3858

Trichromacy



Original Color

41.1831, 53.0526, 67.1011



Protanomaly

46.2348, 52.2565, 62.9080



Deuteranomaly

47.7192, 51.8946, 68.4744



Tritanomaly

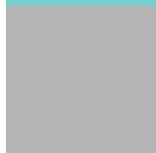
42.4920, 53.2381, 73.0022

Monochromacy



Original Color

41.1831, 53.0526, 67.1011



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

41.8083, 47.8137, 55.7406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1831, 53.0526, 67.1011 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(119, 207, 207)` looks like.

```
.text, #text, p{  
    color:rgb(119, 207, 207)  
}
```

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(119, 207, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 207, 207) }
```

Border

The CSS property to change the border of an element to XYZ 41.1831, 53.0526, 67.1011 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(119, 207, 207) }
```


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

```
.border{ border-color:rgb(119, 207, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 207, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 207, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 207, 207);  
box-shadow:4px 4px 4px 4px rgb(119, 207,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1831, 53.0526, 67.1011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 207, 207) }
```

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

```
.background{ background-color: rgb(119,  
207, 207) }
```

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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