

Converting Colors

XYZ(41.3029, 51.3389, 52.4567)

Have a look what the booklet for
XYZ(41.3029, 51.3389, 52.4567)
contains.

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Color

**XYZ(41.2879, 51.3032,
52.5261)**

Conversions

Conversions Part 1

Format	Color
Hex	92C9B7
RGB	146, 201, 183
RGB Percent	57%, 79%, 72%
CMY	0.4274, 0.2117, 0.2823
CMYK	0.27, 0.00, 0.09, 0.21
HSL	160°, 34%, 68%
HSV	160°, 27%, 79%
XYZ	41.2879, 51.3032, 52.5261
YIQ	182.5030, -27.0020, -17.2580

Conversions

Conversions Part 2

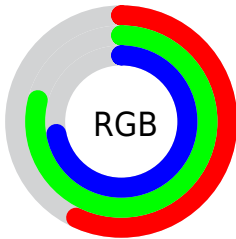
Format	Color
RYB	146, 179, 201
Decimal	9619895
CIELab	76.86, -21.60, 3.25
CIELCh	77, 21.839, 171.438
Yxy	51.3032, 0.2845, 0.3535
Android (android.graphics.Color)	4287809975 (0xFF92C9B7)
YUV	182.5030, 0.2450, -32.0131
Hunter-Lab	71.6263, -22.4522, 6.6589

Details

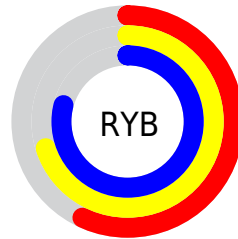
The XYZ color **41.2879, 51.3032, 52.5261** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.0689, 35.6568, 39.8419**, and the grayscale version is **44.7481, 47.0785, 51.2685**.

A 20% lighter version of the original color is **75.4274, 90.1695, 95.0904**, and **19.0791, 24.8588, 24.9118** is the 20% darker color. If you saturate the color by 10%, you get **37.3556, 49.3547, 48.8513**, and if you desaturate by 10%, it is **45.8833, 53.5926, 56.4012**.

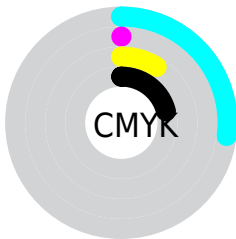
Distribution



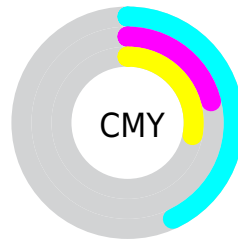
- Red (57%)
- Green (79%)
- Blue (72%)



- Red (57%)
- Yellow (70%)
- Blue (79%)



- Cyan (27%)
- Magenta (0%)
- Yellow (9%)
- Black (21%)





- Cyan (43%)
- Magenta (21%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2879, 51.3032, 52.5261 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 41.2879, 51.3032, 52.5261 by changing the saturation by 10% instead.


 41.2879, 51.3032,
52.5261


 41.2879, 51.3032,
52.5261

342.5645,
391.7406, 413.4789

 28.7328, 36.4500,
37.0395


 76.3927, 92.1028,
95.3411

 19.0220, 24.7819,
24.9420


 99.6731, 118.8179,
123.5066

 11.7903, 15.9146,
15.8152


127.2592,
150.2559, 156.7354

 6.6722, 9.4638,
9.2406

159.5166,
186.8009, 195.4462

 3.3025, 5.0449,
4.7995

196.8104,
228.8375, 240.0573

 1.3157, 2.2736,
2.0734

239.5061,

 0.1949, 0.7597,

276.7501, 290.9875

0.5999

287.9690,
330.9230, 348.6552

■ 0.0000, 0.0000,
0.0000

■ 41.2879, 51.3032,
52.5261

■ 41.2879, 51.3032,
52.5261

■ 37.3556, 49.3547,
48.8513

■ 45.8833, 53.5926,
56.4012

■ 34.0487, 47.7235,
45.3696

■ 51.1685, 56.2325,
60.4768

■ 31.3324, 46.3933,
42.0781

■ 57.1737, 59.2397,
64.7577

■ 29.1665, 45.3432,
38.9725

■ 63.9262, 62.6284,
69.2471

■ 27.5055, 44.5499,
36.0484

■ 71.4518, 66.4118,
73.9484

■ 26.2964, 43.9862,
33.3008

■ 75.3763, 68.3347,
78.6590

■ 25.4656, 43.6141,
30.7237

■ 76.2781, 68.6954,
83.4078

■ 25.2759, 43.5305,
30.0708

■ 77.2147, 69.0701,
88.3401

■ 78.1866, 69.4588,
93.4578

Harmonies

Analogous

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



42.7837, 51.3032, 42.7889



41.2879, 51.3032, 52.5261



41.7039, 51.3032, 64.6384

Triad

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



41.2879, 51.3032, 52.5261



51.7379, 51.3032, 79.9526



53.9085, 51.3032, 39.8255

Complementary

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



41.2879, 51.3032, 52.5261



41.0689, 35.6568, 39.8419

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.



56.5750, 51.3032, 47.9155



41.2879, 51.3032, 52.5261



55.2731, 51.3032, 71.3550

Square

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



41.2879, 51.3032, 52.5261



47.5835, 51.3032, 81.6495



57.0880, 51.3032, 59.3330



49.9601, 51.3032, 36.1689

Rectangle

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



41.2879, 51.3032, 52.5261



43.0202, 51.3032, 72.3948



57.0880, 51.3032, 59.3330



54.9936, 51.3032, 42.0573

Sweetspot

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



41.2893, 51.3053, 52.5273



86.8825, 95.9115, 103.0034



41.4553, 51.7789, 35.0042



18.2872, 20.3744, 21.8152



0.0000, 0.0000, 0.0000



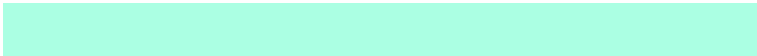
20.3446, 21.4041, 23.3091

Same Dimension

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



41.2893, 51.3053, 52.5273



66.4503, 85.7324, 86.0500



41.2113, 47.9561, 62.3453



10.7934, 12.0062, 12.8620



15.9354, 27.3865, 19.1364



0.7869, 1.3097, 1.0763

Inverse Universe

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



41.0689, 35.6568, 39.8419



66.0130, 54.4246, 60.6897



41.0264, 37.9923, 32.3657



10.7746, 10.6932, 11.7964



15.7975, 8.0686, 4.1434



0.7816, 0.3955, 0.3729

Previews

White Background



This preview shows how the XYZ color 41.2879, 51.3032, 52.5261 looks on a white background.

Color Contrast Check

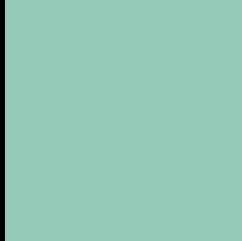
Large Text (above 18pt) WCAG AA × Fail

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 41.2879, 51.3032, 52.5261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

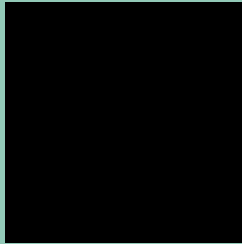
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2879, 51.3032, 52.5261

Background



This preview shows how black text looks on a background with the XYZ color 41.2879, 51.3032, 52.5261.



This preview shows how white text looks on a background with the XYZ color 41.2879, 51.3032,

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

41.2879, 51.3032, 52.5261

Protanopia

48.3254, 50.7031, 48.3140

Deuteranopia

51.9156, 50.8647, 54.0953



Tritanopia

44.7988, 51.3614, 69.8399

Trichromacy



Original Color

41.2879, 51.3032, 52.5261

Protanomaly

45.3381, 50.7417, 50.0524

Deuteranomaly

47.2840, 50.6864, 53.7457

Tritanomaly

43.3144, 51.0892, 62.8366

Monochromacy



Original Color

41.2879, 51.3032, 52.5261

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.5383, 48.7919, 51.9228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2879, 51.3032, 52.5261 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(146, 201, 183)` looks like.

```
.text, #text, p{  
    color:rgb(146, 201, 183)  
}
```

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(146, 201, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 201, 183) }
```

Border

The CSS property to change the border of an element to XYZ 41.2879, 51.3032, 52.5261 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(146, 201, 183) }
```


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

```
.border{ border-color:rgb(146, 201, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 201, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 201, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 201, 183);  
box-shadow:4px 4px 4px 4px rgb(146, 201,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2879, 51.3032, 52.5261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 201, 183) }
```

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

```
.background{ background-color: rgb(146,  
201, 183) }
```

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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