

Converting Colors

XYZ(45.0194, 52.3029, 61.6943)

Have a look what the booklet for
XYZ(45.0194, 52.3029, 61.6943)
contains.

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Color

**XYZ(45.0303, 52.3413,
61.7624)**

Conversions

Conversions Part 1

Format	Color
Hex	9FC7C7
RGB	159, 199, 199
RGB Percent	62%, 78%, 78%
CMY	0.3765, 0.2196, 0.2196
CMYK	0.20, 0.00, 0.00, 0.22
HSL	180°, 26%, 70%
HSV	180°, 20%, 78%
XYZ	45.0303, 52.3413, 61.7624
YIQ	187.0400, -23.8400, -8.4800

Conversions

Conversions Part 2

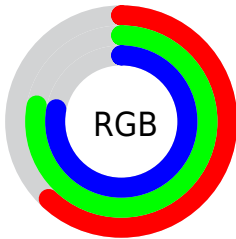
Format	Color
R_{YB}	159, 179, 199
Decimal	10471367
CIE _{Lab}	77.48, -13.16, -4.38
CIE _{LCh}	77, 13.874, 198.396
Yxy	52.3413, 0.2830, 0.3289
Android (android.graphics.Color)	4288661447 (0xFF9FC7C7)
YUV	187.0400, 5.8963, -24.5911
Hunter-Lab	72.3473, -15.5060, 0.0276

Details

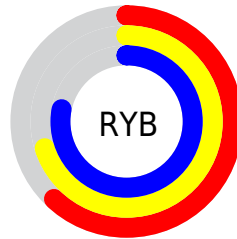
The XYZ color **45.0303, 52.3413, 61.7624** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.2112, 39.4430, 38.1915**, and the grayscale version is **47.2353, 49.6952, 54.1181**.

A 20% lighter version of the original color is **81.5416, 93.0361, 108.2678**, and **21.2996, 25.4209, 30.5722** is the 20% darker color. If you saturate the color by 10%, you get **41.3976, 50.4700, 61.5927**, and if you desaturate by 10%, it is **49.3014, 54.5445, 61.9642**.

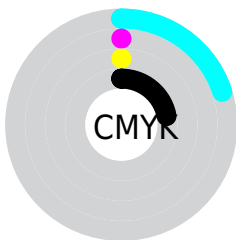
Distribution



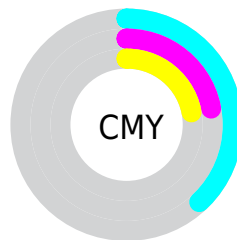
- Red (62%)
- Green (78%)
- Blue (78%)



- Red (62%)
- Yellow (70%)
- Blue (78%)



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (38%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.0303, 52.3413, 61.7624 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 45.0303, 52.3413, 61.7624 by changing the saturation by 10% instead.

■ 45.0303, 52.3413,
61.7624

■ 45.0303, 52.3413,
61.7624

357.6779,
395.7528, 449.0476

■ 31.6827, 37.2772,
44.4062

■ 82.0027, 93.6344,
108.9503

■ 21.2736, 25.4222,
30.6504

■ 106.3581,
120.6322, 139.6191

■ 13.4377, 16.3919,
20.0766

135.1135,
152.3766, 175.5625

■ 7.8097, 9.8019,
12.2661

168.6343,
189.2521, 217.1991

■ 4.0242, 5.2678,
6.8004

207.2858,
231.6431, 264.9473

■ 1.7158, 2.4052,
3.2611

251.4333,

■ 0.4662, 0.8286,

279.9340, 319.2258

1.2294

301.4422,
334.5091, 380.4530

■ 0.0000, 0.0000,
0.0029

■ 0.0000, 0.0000,
0.0000

■ 45.0303, 52.3413,
61.7624

■ 45.0303, 52.3413,
61.7624

■ 41.3976, 50.4700,
61.5927

■ 49.3014, 54.5445,
61.9642

■ 38.3684, 48.9084,
61.4502

■ 54.2346, 57.0876,
62.1958

■ 35.9114, 47.6418,
61.3344

■ 59.8580, 59.9866,
62.4598

■ 33.9906, 46.6516,
61.2437

■ 66.1969, 63.2544,
62.7572

■ 32.5660, 45.9172,
61.1763

■ 71.9741, 66.2326,
63.0284

■ 31.5920, 45.4151,
61.1299

■ 71.9742, 66.2327,
63.0292

■ 31.0147, 45.1175,
61.1021

■ 71.9744, 66.2327,
63.0300

■ 30.7321, 44.9718,
61.0881

■ 71.9745, 66.2328,
63.0308

■ 71.9747, 66.2328,
63.0315

Harmonies

Analogous

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



44.8830, 52.3413, 54.0814



45.0303, 52.3413, 61.7624



46.4142, 52.3413, 68.7188

Triad

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



45.0303, 52.3413, 61.7624



53.6911, 52.3413, 67.3316



50.7897, 52.3413, 43.7561

Complementary

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



45.0303, 52.3413, 61.7624



42.2112, 39.4430, 38.1915

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.



53.2394, 52.3413, 46.6794



45.0303, 52.3413, 61.7624



54.9542, 52.3413, 60.0026

Square

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



45.0303, 52.3413, 61.7624



51.3882, 52.3413, 72.1273



54.7860, 52.3413, 52.4715



48.1447, 52.3413, 44.1355

Rectangle

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



45.0303, 52.3413, 61.7624



47.8807, 52.3413, 71.7980



54.7860, 52.3413, 52.4715



51.6650, 52.3413, 44.3736

Sweetspot

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



45.0318, 52.3434, 61.7636



89.6433, 97.2127, 108.6461



41.1136, 50.7915, 40.4387



19.0671, 20.7455, 23.2491



0.0000, 0.0000, 0.0000



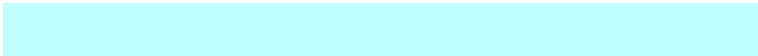
20.3446, 21.4041, 23.3091

Same Dimension

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



45.0318, 52.3434, 61.7636



76.0062, 90.1826, 108.0054



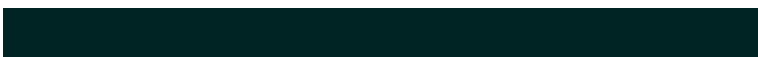
40.8624, 44.0042, 60.3753



10.9467, 12.0676, 13.6696



19.7606, 28.9166, 39.2793



0.9357, 1.3692, 1.8599

Inverse Universe

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



42.2112, 39.4430, 38.1915



70.2029, 63.6408, 59.5074



45.7999, 46.6208, 39.3866



10.6339, 10.6370, 11.0556



15.1453, 7.8077, 0.7091



0.7171, 0.3697, 0.0336

Previews

White Background



This preview shows how the XYZ color 45.0303, 52.3413, 61.7624 looks on a white background.

Color Contrast Check

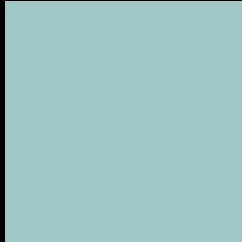
Large Text (above 18pt) WCAG AA × Fail

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 45.0303, 52.3413, 61.7624 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

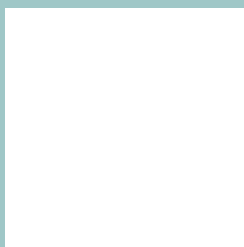
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.0303, 52.3413, 61.7624

Background



This preview shows how black text looks on a background with the XYZ color 45.0303, 52.3413, 61.7624.



This preview shows how white text looks on a background with the XYZ color 45.0303, 52.3413,

61.7624.

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

45.0303, 52.3413, 61.7624

Protanopia

50.1434, 52.0594, 58.4446

Deuteranopia

53.1865, 51.9413, 63.0996



Tritanopia

46.8768, 52.4180, 70.5978

Trichromacy



Original Color

45.0303, 52.3413, 61.7624

Protanomaly

48.0898, 51.9492, 59.7171

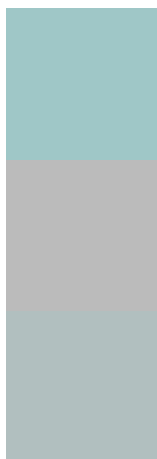
Deuteranomaly

49.6951, 51.7353, 62.6250

Tritanomaly

46.2772, 52.5193, 67.3727

Monochromacy



Original Color

45.0303, 52.3413, 61.7624

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.1662, 50.3703, 56.5794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0303, 52.3413, 61.7624 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(159, 199, 199)` looks like.

```
.text, #text, p{  
    color:rgb(159, 199, 199)  
}
```

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(159, 199, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 199, 199) }
```

Border

The CSS property to change the border of an element to XYZ 45.0303, 52.3413, 61.7624 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(159, 199, 199) }
```


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

```
.border{ border-color:rgb(159, 199, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 199, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 199, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 199, 199);  
box-shadow:4px 4px 4px 4px rgb(159, 199,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0303, 52.3413, 61.7624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 199, 199) }
```

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

```
.background{ background-color: rgb(159,  
199, 199) }
```

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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