

Converting Colors

XYZ(46.0775, 52.6513, 61.1921)

Have a look what the booklet for
XYZ(46.0775, 52.6513, 61.1921)
contains.

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Color

**XYZ(45.9042, 52.4647,
61.1334)**

Conversions

Conversions Part 1

Format	Color
Hex	A5C6C6
RGB	165, 198, 198
RGB Percent	65%, 78%, 78%
CMY	0.3529, 0.2235, 0.2235
CMYK	0.17, 0.00, 0.00, 0.22
HSL	180°, 22%, 71%
HSV	180°, 17%, 78%
XYZ	45.9042, 52.4647, 61.1334
YIQ	188.1330, -19.6680, -6.9960

Conversions

Conversions Part 2

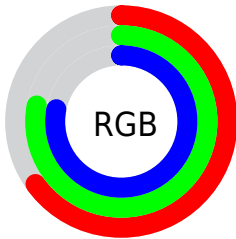
Format	Color
R _Y B	165, 182, 198
Decimal	10864326
CIE Lab	77.56, -10.98, -3.69
CIE LCh	78, 11.579, 198.572
Yxy	52.4647, 0.2878, 0.3289
Android (android.graphics.Color)	4289054406 (0xFFA5C6C6)
YUV	188.1330, 4.8644, -20.2876
Hunter-Lab	72.4325, -13.6323, 0.6617

Details

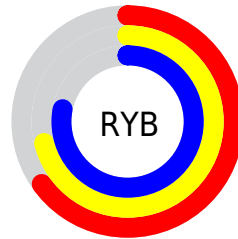
The XYZ color **45.9042, 52.4647, 61.1334** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.5373, 41.6341, 41.3411**, and the grayscale version is **47.8580, 50.3503, 54.8315**.

A 20% lighter version of the original color is **83.3252, 93.9556, 108.3513**, and **21.8174, 25.4708, 30.1520** is the 20% darker color. If you saturate the color by 10%, you get **42.1007, 50.5053, 60.9556**, and if you desaturate by 10%, it is **50.3484, 54.7571, 61.3434**.

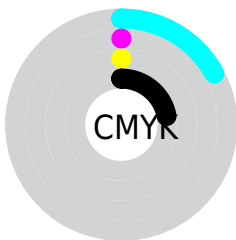
Distribution



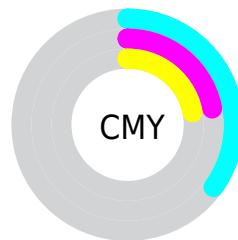
- Red (65%)
- Green (78%)
- Blue (78%)



- Red (65%)
- Yellow (71%)
- Blue (78%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (35%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.9042, 52.4647, 61.1334 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 45.9042, 52.4647, 61.1334 by changing the saturation by 10% instead.

■ 45.9042, 52.4647,
61.1334

■ 45.9042, 52.4647,
61.1334

361.1458,
396.2280, 446.6830

■ 32.3745, 37.3756,
43.9016

■ 83.3043, 93.8162,
108.0315

■ 21.8047, 25.4984,
30.2565

■ 107.9055,
120.8474, 138.5348

■ 13.8292, 16.4488,
19.7797

136.9280,
152.6281, 174.2991

■ 8.0829, 9.8423,
12.0525

170.7369,
189.5427, 215.7428

■ 4.2003, 5.2945,
6.6565

209.6979,
231.9756, 263.2845

■ 1.8161, 2.4211,
3.1730

254.1761,

■ 0.5273, 0.8367,

280.3112, 317.3428

1.1837

304.5369,
334.9339, 378.3361

■ 0.0000, 0.0000,
0.0000

■ 45.9042, 52.4647,
61.1334

■ 45.9042, 52.4647,
61.1334

■ 42.1007, 50.5053,
60.9556

■ 50.3484, 54.7571,
61.3434

■ 38.9040, 48.8574,
60.8050

■ 55.4560, 57.3902,
61.5834

■ 36.2842, 47.5069,
60.6815

■ 61.2544, 60.3793,
61.8557

■ 34.2069, 46.4360,
60.5833

■ 67.7679, 63.7372,
62.1615

■ 32.6341, 45.6252,
60.5088

■ 71.6291, 65.7277,
62.3431

■ 31.5229, 45.0524,
60.4558

■ 71.6293, 65.7277,
62.3441

■ 30.8232, 44.6917,
60.4221

■ 71.6295, 65.7278,
62.3450

■ 30.4694, 44.5093,
60.4046

■ 71.6297, 65.7279,
62.3460

■ 30.3867, 44.4667,
60.4004

■ 71.6298, 65.7280,
62.3470

Harmonies

Analogous

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



45.7732, 52.4647, 54.7222



45.9042, 52.4647, 61.1334



47.0776, 52.4647, 66.8542

Triad

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



45.9042, 52.4647, 61.1334



53.1566, 52.4647, 65.6577



50.7221, 52.4647, 45.8958

Complementary

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



45.9042, 52.4647, 61.1334



43.5373, 41.6341, 41.3411

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.



52.7627, 52.4647, 48.3890



45.9042, 52.4647, 61.1334



54.1960, 52.4647, 59.5975

Square

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



45.9042, 52.4647, 61.1334



51.2467, 52.4647, 69.5978



54.0497, 52.4647, 53.2960



48.5105, 52.4647, 46.2395

Rectangle

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



45.9042, 52.4647, 61.1334



48.3133, 52.4647, 69.3588



54.0497, 52.4647, 53.2960



51.4519, 52.4647, 46.4219

Sweetspot

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



45.9057, 52.4669, 61.1346



90.5137, 97.6614, 108.6869



42.6189, 51.1654, 43.2280



19.2425, 20.8359, 23.2573



0.0000, 0.0000, 0.0000



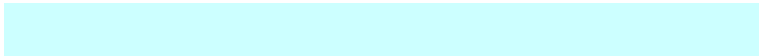
20.3446, 21.4041, 23.3091

Same Dimension

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



45.9057, 52.4669, 61.1346



78.7112, 91.5771, 108.1320



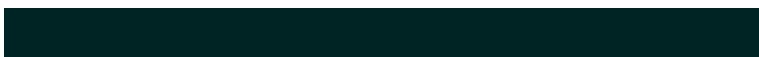
42.4498, 45.5546, 59.9841



10.9467, 12.0676, 13.6696



19.7604, 28.9165, 39.2782



0.9357, 1.3692, 1.8599

Inverse Universe

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



43.5373, 41.6341, 41.3411



73.7324, 68.8056, 66.5240



46.5958, 47.7517, 42.3595



10.6339, 10.6370, 11.0556



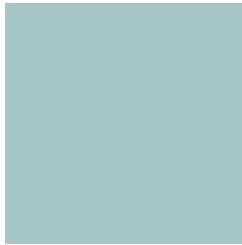
15.1453, 7.8077, 0.7092



0.7171, 0.3697, 0.0336

Previews

White Background



This preview shows how the XYZ color 45.9042, 52.4647, 61.1334 looks on a white background.

Color Contrast Check

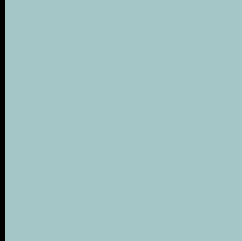
Large Text (above 18pt) WCAG AA × Fail

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 45.9042, 52.4647, 61.1334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

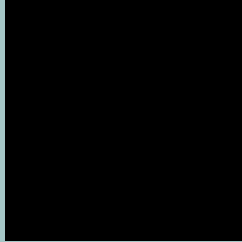
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.9042, 52.4647, 61.1334

Background



This preview shows how black text looks on a background with the XYZ color 45.9042, 52.4647, 61.1334.



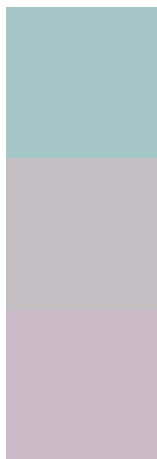
This preview shows how white text looks on a background with the XYZ color 45.9042, 52.4647,

61.1334.

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

45.9042, 52.4647, 61.1334

Protanopia

50.2872, 52.1465, 57.8669

Deuteranopia

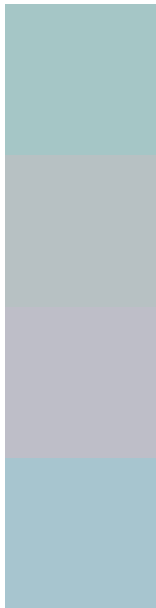
53.2784, 52.3140, 62.5479



Tritanopia

47.7720, 52.5582, 69.9142

Trichromacy



Original Color

45.9042, 52.4647, 61.1334

Protanomaly

48.4487, 52.1473, 59.1417

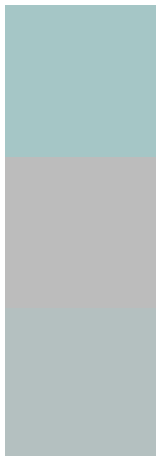
Deuteranomaly

50.0740, 51.9442, 62.0306

Tritanomaly

47.1651, 52.6530, 66.7087

Monochromacy



Original Color

45.9042, 52.4647, 61.1334

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.1865, 51.2083, 57.2664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.9042, 52.4647, 61.1334 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(165, 198, 198)` looks like.

```
.text, #text, p{  
    color:rgb(165, 198, 198)  
}
```

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(165, 198, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 198, 198) }
```

Border

The CSS property to change the border of an element to XYZ 45.9042, 52.4647, 61.1334 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(165, 198, 198) }
```


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

```
.border{ border-color:rgb(165, 198, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 198, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 198, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 198, 198);  
box-shadow:4px 4px 4px 4px rgb(165, 198,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 45.9042, 52.4647, 61.1334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 198, 198) }
```

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

```
.background{ background-color: rgb(165,  
198, 198) }
```

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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