

Converting Colors

XYZ(46.8614, 53.0501, 61.3972)

Have a look what the booklet for
XYZ(46.8614, 53.0501, 61.3972)
contains.

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Color

**XYZ(46.7493, 52.9004,
61.1729)**

Conversions

Conversions Part 1

Format	Color
Hex	A9C6C6
RGB	169, 198, 198
RGB Percent	66%, 78%, 78%
CMY	0.3372, 0.2235, 0.2235
CMYK	0.15, 0.00, 0.00, 0.22
HSL	180°, 20%, 72%
HSV	180°, 15%, 78%
XYZ	46.7493, 52.9004, 61.1729
YIQ	189.3290, -17.2840, -6.1480

Conversions

Conversions Part 2

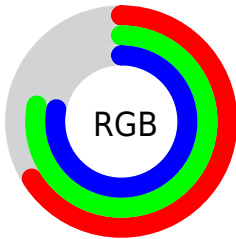
Format	Color
R _Y B	169, 184, 198
Decimal	11126470
CIE Lab	77.82, -9.70, -3.28
CIE LCh	78, 10.236, 198.678
Yxy	52.9004, 0.2907, 0.3289
Android (android.graphics.Color)	4289316550 (0xFFA9C6C6)
YUV	189.3290, 4.2748, -17.8285
Hunter-Lab	72.7327, -12.5503, 1.0461

Details

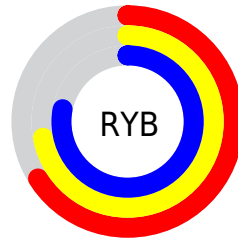
The XYZ color **46.7493, 52.9004, 61.1729** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.6400, 43.2477, 43.5333**, and the grayscale version is **48.5427, 51.0707, 55.6160**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **22.2098, 25.6731, 30.1704** is the 20% darker color. If you saturate the color by 10%, you get **42.8192, 50.8758, 60.9889**, and if you desaturate by 10%, it is **51.3257, 55.2610, 61.3894**.

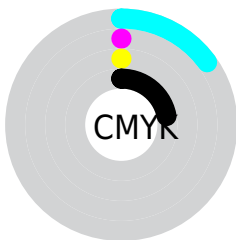
Distribution



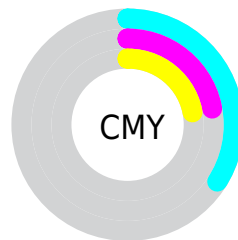
- Red (66%)
- Green (78%)
- Blue (78%)



- Red (66%)
- Yellow (72%)
- Blue (78%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (34%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.7493, 52.9004, 61.1729 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 46.7493, 52.9004, 61.1729 by changing the saturation by 10% instead.

■ 46.7493, 52.9004,
61.1729

■ 46.7493, 52.9004,
61.1729

364.4786,
397.9029, 446.8318

■ 33.0446, 37.7233,
43.9333

■ 84.5603, 94.4578,
108.0892

■ 22.3200, 25.7680,
30.2812

■ 109.3974,
121.6068, 138.6030

■ 14.2102, 16.6501,
19.7983

138.6759,
153.5153, 174.3785

■ 8.3497, 9.9854,
12.0659

172.7613,
190.5676, 215.8343

■ 4.3732, 5.3893,
6.6655

212.0189,
233.1481, 263.3890

■ 1.9153, 2.4774,
3.1785

256.8141,

■ 0.5857, 0.8653,

281.6412, 317.4612

1.1865

307.5122,
336.4314, 378.4692

■ 0.0000, 0.0000,
0.0000

■ 46.7493, 52.9004,
61.1729

■ 46.7493, 52.9004,
61.1729

■ 42.8192, 50.8758,
60.9889

■ 51.3257, 55.2610,
61.3894

■ 39.5021, 49.1658,
60.8325

■ 56.5709, 57.9650,
61.6360

■ 36.7684, 47.7565,
60.7034

■ 62.5119, 61.0276,
61.9152

■ 34.5844, 46.6307,
60.6000

■ 69.1728, 64.4614,
62.2281

■ 32.9129, 45.7690,
60.5206

■ 71.6294, 65.7278,
62.3443

■ 31.7121, 45.1500,
60.4632

■ 71.6296, 65.7279,
62.3455

■ 30.9338, 44.7488,
60.4256

■ 71.6298, 65.7280,
62.3467

■ 30.5192, 44.5351,
60.4050

■ 71.6301, 65.7281,
62.3479

■ 30.3863, 44.4666,
60.3981

■ 71.6303, 65.7282,
62.3491

Harmonies

Analogous

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



46.6286, 52.9004, 55.4795



46.7493, 52.9004, 61.1729



47.8011, 52.9004, 66.2081

Triad

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



46.7493, 52.9004, 61.1729



53.2025, 52.9004, 65.1254



51.0335, 52.9004, 47.5292

Complementary

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



46.7493, 52.9004, 61.1729



44.6400, 43.2477, 43.5333

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.



52.8436, 52.9004, 49.7715



46.7493, 52.9004, 61.1729



54.1177, 52.9004, 59.7730

Square

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



46.7493, 52.9004, 61.1729



51.5129, 52.9004, 68.5917



53.9846, 52.9004, 54.1681



49.0674, 52.9004, 47.8493

Rectangle

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



46.7493, 52.9004, 61.1729



48.9047, 52.9004, 68.3981



53.9846, 52.9004, 54.1681



51.6813, 52.9004, 48.0020

Sweetspot

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



46.7508, 52.9026, 61.1741



91.3963, 98.1165, 108.7282



43.8231, 51.7435, 45.2148



19.4202, 20.9276, 23.2656



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.



46.7508, 52.9026, 61.1741



80.1321, 92.3096, 108.1980



43.6938, 46.7880, 60.1567



10.9467, 12.0676, 13.6696



19.7601, 28.9164, 39.2767



0.9357, 1.3692, 1.8598

Inverse Universe

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



44.6400, 43.2477, 43.5333



75.5866, 71.5186, 70.2101



47.3890, 48.7461, 44.4483



10.6339, 10.6370, 11.0556



15.1453, 7.8077, 0.7093



0.7171, 0.3697, 0.0337

Previews

White Background



This preview shows how the XYZ color 46.7493, 52.9004, 61.1729 looks on a white background.

Color Contrast Check

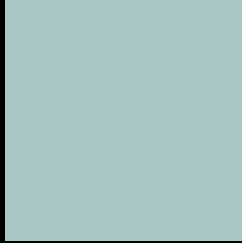
Large Text (above 18pt) WCAG AA × Fail

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 46.7493, 52.9004, 61.1729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

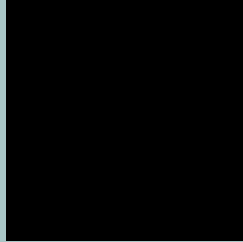
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

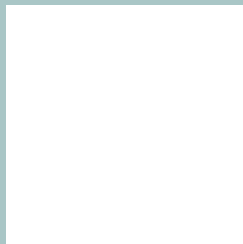
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.7493, 52.9004, 61.1729

Background



This preview shows how black text looks on a background with the XYZ color 46.7493, 52.9004, 61.1729.

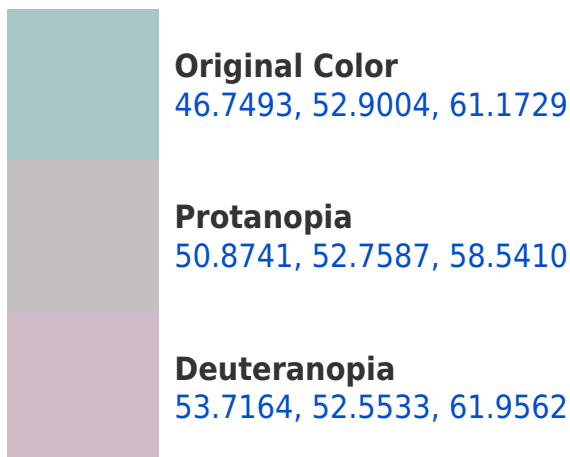


This preview shows how white text looks on a background with the XYZ color 46.7493, 52.9004,

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





Tritanopia

48.6369, 53.0040, 69.9547

Trichromacy



Original Color

46.7493, 52.9004, 61.1729

Protanomaly

49.3918, 52.9628, 59.2494

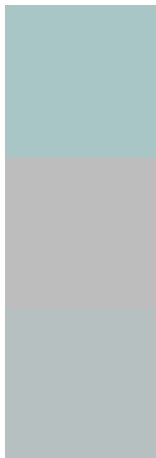
Deuteranomaly

50.7146, 52.2879, 61.4525

Tritanomaly

48.0233, 53.0954, 66.7488

Monochromacy



Original Color

46.7493, 52.9004, 61.1729

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

47.6555, 51.4501, 57.2883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7493, 52.9004, 61.1729 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(169, 198, 198)` looks like.

```
.text, #text, p{  
    color:rgb(169, 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(169, 198, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 198, 198) }
```

Border

The CSS property to change the border of an element to XYZ 46.7493, 52.9004, 61.1729 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(169, 198, 198) }
```


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

```
.border{ border-color:rgb(169, 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(169, 198, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 198, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 198, 198);  
box-shadow:4px 4px 4px 4px rgb(169, 198,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7493, 52.9004, 61.1729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 198, 198) }
```

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

```
.background{ background-color: rgb(169,  
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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