

Converting Colors

XYZ(42.9607, 50.9545, 60.9795)

Have a look what the booklet for
XYZ(42.9607, 50.9545, 60.9795)
contains.

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Color

**XYZ(42.9648, 50.9494,
60.9958)**

Conversions

Conversions Part 1

Format	Color
Hex	96C6C6
RGB	150, 198, 198
RGB Percent	59%, 78%, 78%
CMY	0.4118, 0.2235, 0.2235
CMYK	0.24, 0.00, 0.00, 0.22
HSL	180°, 30%, 68%
HSV	180°, 24%, 78%
XYZ	42.9648, 50.9494, 60.9958
YIQ	183.6480, -28.6080, -10.1760

Conversions

Conversions Part 2

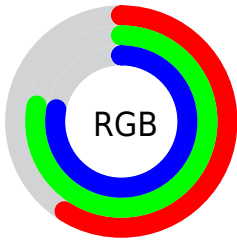
Format	Color
RYB	150, 174, 198
Decimal	9881286
CIELab	76.65, -15.61, -5.13
CIELCh	77, 16.436, 198.195
Yxy	50.9494, 0.2774, 0.3289
Android (android.graphics.Color)	4288071366 (0xFF96C6C6)
YUV	183.6480, 7.0755, -29.5093
Hunter-Lab	71.3788, -17.4692, -0.7002

Details

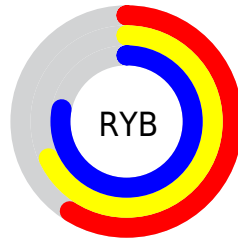
The XYZ color **42.9648, 50.9494, 60.9958** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.7019, 36.0219, 33.7166**, and the grayscale version is **45.3406, 47.7018, 51.9473**.

A 20% lighter version of the original color is **78.9868, 91.7191, 108.1483**, and **20.0443, 24.5568, 30.0690** is the 20% darker color. If you saturate the color by 10%, you get **39.6250, 49.2290, 60.8400**, and if you desaturate by 10%, it is **46.9232, 52.9913, 61.1828**.

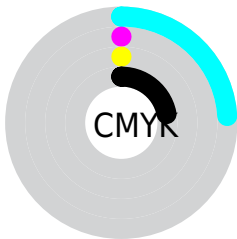
Distribution



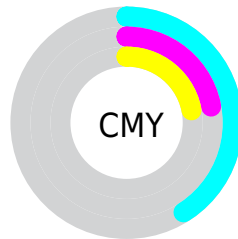
- Red (59%)
- Green (78%)
- Blue (78%)



- Red (59%)
- Yellow (68%)
- Blue (78%)



- Cyan (24%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (41%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9648, 50.9494, 60.9958 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 42.9648, 50.9494, 60.9958 by changing the saturation by 10% instead.

■ 42.9648, 50.9494,
60.9958

■ 42.9648, 50.9494,
60.9958

349.3910,
390.3672, 446.1647

■ 30.0519, 36.1683,
43.7912

■ 78.9138, 91.5800,
107.8303

■ 20.0263, 24.5642,
30.1704

■ 102.6806,
118.1983, 138.2974

■ 12.5225, 15.7527,
19.7148

130.7960,
149.5311, 174.0223

■ 7.1753, 9.3493,
12.0059

163.6255,
185.9629, 215.4238

■ 3.6193, 4.9697,
6.6251

201.5344,
227.8780, 262.9202

■ 1.4891, 2.2295,
3.1539

244.8881,

■ 0.3184, 0.7360,

275.6608, 316.9301

1.1738

294.0518,
329.6957, 377.8721

■ 0.0000, 0.0000,
0.0000

■ 42.9648, 50.9494,
60.9958

■ 42.9648, 50.9494,
60.9958

■ 39.6250, 49.2290,
60.8400

■ 46.9232, 52.9913,
61.1828

■ 36.8684, 47.8079,
60.7103

■ 51.5246, 55.3634,
61.3987

■ 34.6630, 46.6710,
60.6065

■ 56.7974, 58.0816,
61.6461

■ 32.9716, 45.7991,
60.5267

■ 62.7669, 61.1590,
61.9261

■ 31.7528, 45.1708,
60.4691

■ 69.4572, 64.6080,
62.2398

■ 30.9586, 44.7613,
60.4313

■ 71.6289, 65.7275,
62.3421

■ 30.5307, 44.5408,
60.4106

■ 71.6290, 65.7275,
62.3427

■ 30.3873, 44.4669,
60.4036

■ 71.6291, 65.7276,
62.3433

■ 71.6292, 65.7276,
62.3439

Harmonies

Analogous

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



42.8057, 50.9494, 52.0451



42.9648, 50.9494, 60.9958



44.5485, 50.9494, 69.2438

Triad

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



42.9648, 50.9494, 60.9958



53.0210, 50.9494, 67.6910



49.6595, 50.9494, 40.3449

Complementary

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



42.9648, 50.9494, 60.9958



39.7019, 36.0219, 33.7166

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.



52.5220, 50.9494, 43.6647



42.9648, 50.9494, 60.9958



54.5176, 50.9494, 59.0529

Square

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



42.9648, 50.9494, 60.9958



50.3170, 50.9494, 73.3851



54.3311, 50.9494, 50.2982



46.5828, 50.9494, 40.7457

Rectangle

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



42.9648, 50.9494, 60.9958



46.2386, 50.9494, 72.9413



54.3311, 50.9494, 50.2982



50.6810, 50.9494, 41.0468

Sweetspot

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



42.9663, 50.9515, 60.9970



88.7850, 96.7703, 108.6060



38.4260, 49.1524, 36.3173



18.8940, 20.6563, 23.2410



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.



42.9663, 50.9515, 60.9970



72.8772, 88.5696, 107.8591



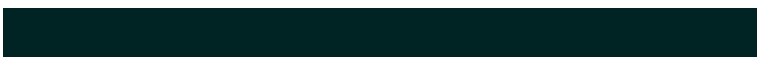
38.0633, 41.1450, 59.3640



10.9467, 12.0676, 13.6697



19.7608, 28.9167, 39.2803



0.9357, 1.3692, 1.8600

Inverse Universe

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



39.7019, 36.0219, 33.7166



66.1201, 57.6665, 51.3909



43.7775, 44.1735, 35.0742



10.6339, 10.6370, 11.0555



15.1453, 7.8077, 0.7090



0.7171, 0.3697, 0.0336

Previews

White Background



This preview shows how the XYZ color 42.9648, 50.9494, 60.9958 looks on a white background.

Color Contrast Check

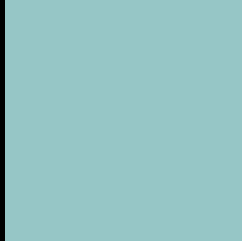
Large Text (above 18pt) WCAG AA × Fail

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 42.9648, 50.9494, 60.9958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

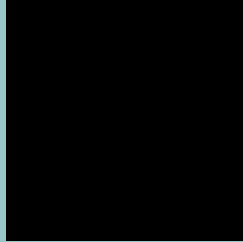
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.9648, 50.9494, 60.9958

Background



This preview shows how black text looks on a background with the XYZ color 42.9648, 50.9494, 60.9958.

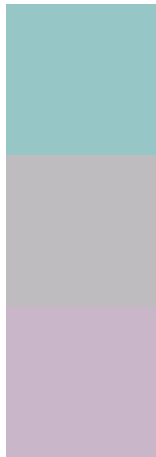


This preview shows how white text looks on a background with the XYZ color 42.9648, 50.9494,

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

42.9648, 50.9494, 60.9958

Protanopia

48.9835, 50.8486, 57.1022

Deuteranopia

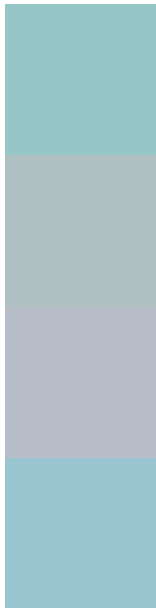
51.5635, 50.5015, 62.2884



Tritanopia

44.7605, 51.0056, 69.7733

Trichromacy



Original Color

42.9648, 50.9494, 60.9958

Protanomaly

46.4917, 50.8244, 58.3987

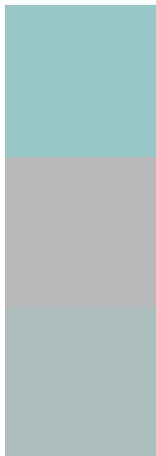
Deuteranomaly

47.7000, 50.0817, 61.7963

Tritanomaly

44.1776, 51.1129, 66.5689

Monochromacy



Original Color

42.9648, 50.9494, 60.9958

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.3962, 48.8400, 55.2312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9648, 50.9494, 60.9958 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(150, 198, 198)` looks like.

```
.text, #text, p{  
    color:rgb(150, 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(150, 198, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 198, 198) }
```

Border

The CSS property to change the border of an element to XYZ 42.9648, 50.9494, 60.9958 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(150, 198, 198) }
```


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

```
.border{ border-color:rgb(150, 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(150, 198, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 198, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 198, 198);  
box-shadow:4px 4px 4px 4px rgb(150, 198,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9648, 50.9494, 60.9958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 198, 198) }
```

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

```
.background{ background-color: rgb(150,  
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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