

Converting Colors

XYZ(42.7734, 48.9205, 57.6403)

Have a look what the booklet for
XYZ(42.7734, 48.9205, 57.6403)
contains.

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Color

**XYZ(42.7734, 48.9205,
57.6403)**

Conversions

Conversions Part 1

Format	Color
Hex	9FC0C1
RGB	159, 192, 193
RGB Percent	62%, 75%, 76%
CMY	0.3765, 0.2470, 0.2431
CMYK	0.18, 0.01, 0.00, 0.24
HSL	182°, 22%, 69%
HSV	182°, 18%, 76%
XYZ	42.7734, 48.9205, 57.6403
YIQ	182.2470, -19.9890, -6.6850

Conversions

Conversions Part 2

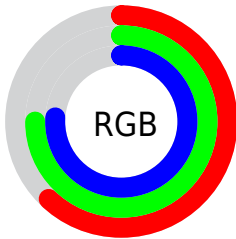
Format	Color
RYB	159, 176, 193
Decimal	10469569
CIELab	75.40, -10.81, -4.20
CIELCh	75, 11.599, 201.232
Yxy	48.9205, 0.2864, 0.3276
Android (android.graphics.Color)	4288659649 (0xFF9FC0C1)
YUV	182.2470, 5.3012, -20.3876
Hunter-Lab	69.9432, -13.2398, 0.0992

Details

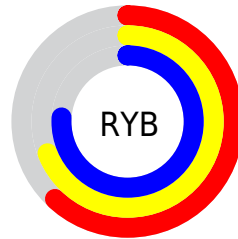
The XYZ color **42.7734, 48.9205, 57.6403** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.8216, 38.9823, 38.1747**, and the grayscale version is **44.5790, 46.9006, 51.0747**.

A 20% lighter version of the original color is **78.3978, 88.2705, 102.5284**, and **20.0296, 23.4845, 28.2882** is the 20% darker color. If you saturate the color by 10%, you get **39.1173, 46.8528, 57.4347**, and if you desaturate by 10%, it is **47.0304, 51.3013, 57.8762**.

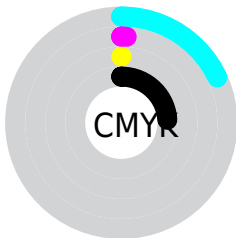
Distribution



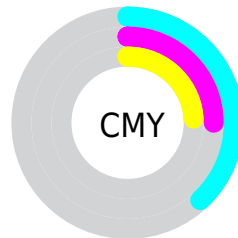
- Red (62%)
- Green (75%)
- Blue (76%)



- Red (62%)
- Yellow (69%)
- Blue (76%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)



- Cyan (38%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7734, 48.9205, 57.6403 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 42.7734, 48.9205, 57.6403 by changing the saturation by 10% instead.

■ 42.7734, 48.9205,
57.6403

■ 42.7734, 48.9205,
57.6403

348.6164,
382.4293, 433.4050

■ 29.9011, 34.5564,
41.1068

■ 78.6266, 88.5734,
102.9085

■ 19.9112, 23.3214,
28.0822

■ 102.3383,
114.6309, 132.4802

■ 12.4384, 14.8310,
18.1480

130.3938,
145.3551, 167.2350

■ 7.1173, 8.7009,
10.8858

163.1585,
181.1304, 207.5915

■ 3.5826, 4.5466,
5.8769

200.9978,
222.3410, 253.9682

■ 1.4688, 1.9838,
2.7028

244.2769,

■ 0.3045, 0.5980,

269.3714, 306.7837

0.9448

293.3613,
322.6060, 366.4564

■ 0.0000, 0.0000,
0.0000

■ 42.7734, 48.9205,
57.6403

■ 42.7734, 48.9205,
57.6403

■ 39.1173, 46.8528,
57.4347

■ 47.0304, 51.3013,
57.8762

■ 36.0302, 45.0779,
57.2548

■ 51.9099, 54.0024,
58.1404

■ 33.4837, 43.5823,
57.1003

■ 57.4377, 57.0384,
58.4351

■ 31.4453, 42.3494,
56.9698

■ 63.6368, 60.4212,
58.7613

■ 29.8789, 41.3605,
56.8615

■ 70.3439, 64.0665,
59.1114

■ 28.7437, 40.5947,
56.7735

■ 70.4709, 64.3204,
59.1538

■ 27.9921, 40.0273,
56.7036

■ 70.5983, 64.5753,
59.1962

■ 27.5546, 39.6225,
56.6485

■ 70.7262, 64.8312,
59.2389

■ 27.4683, 39.5354,
56.6362

■ 70.8546, 65.0880,
59.2817

Harmonies

Analogous

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



42.5555, 48.9205, 51.4933



42.7734, 48.9205, 57.6403



43.9730, 48.9205, 62.9732

Triad

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



42.7734, 48.9205, 57.6403



49.7737, 48.9205, 60.9757



47.1263, 48.9205, 42.4667

Complementary

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



42.7734, 48.9205, 57.6403



40.8216, 38.9823, 38.1747

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.



49.1168, 48.9205, 44.6116



42.7734, 48.9205, 57.6403



50.6757, 48.9205, 55.0791

Square

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



42.7734, 48.9205, 57.6403



48.0007, 48.9205, 64.9991



50.4317, 48.9205, 49.1190



45.0259, 48.9205, 43.0375

Rectangle

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



42.7734, 48.9205, 57.6403



45.1886, 48.9205, 65.1969



50.4317, 48.9205, 49.1190



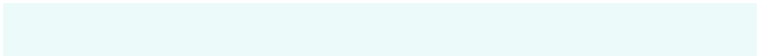
47.8314, 48.9205, 42.8876

Sweetspot

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



42.7748, 48.9225, 57.6414



86.3409, 93.0518, 103.7704



39.6763, 48.0347, 40.2407



18.3951, 19.8917, 22.2553



92.9021, 97.7402, 106.4391



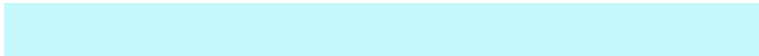
19.4759, 20.4902, 22.3138

Same Dimension

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



42.7748, 48.9225, 57.6414



74.0544, 86.1798, 103.0916



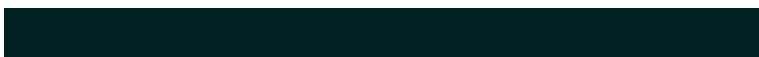
39.3391, 42.0511, 56.4962



10.3424, 11.3761, 12.9355



18.2802, 26.3168, 37.6728



0.7979, 1.1533, 1.6304

Inverse Universe

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



43.9061, 39.9406, 55.2667



76.4498, 67.2292, 98.0477



43.8879, 45.1150, 39.1968



10.4841, 10.2423, 12.6399



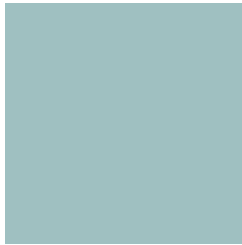
20.6230, 9.9389, 32.2562



0.8951, 0.4311, 1.4152

Previews

White Background



This preview shows how the XYZ color 42.7734, 48.9205, 57.6403 looks on a white background.

Color Contrast Check

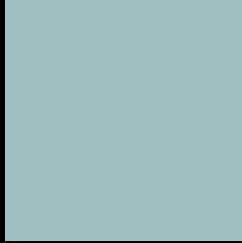
Large Text (above 18pt) WCAG AA × Fail

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 42.7734, 48.9205, 57.6403 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

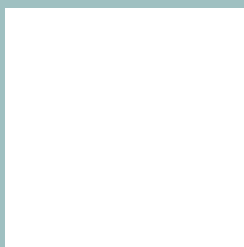
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.7734, 48.9205, 57.6403

Background



This preview shows how black text looks on a background with the XYZ color 42.7734, 48.9205, 57.6403.

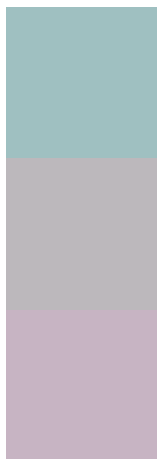


This preview shows how white text looks on a background with the XYZ color 42.7734, 48.9205,

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

42.7734, 48.9205, 57.6403

Protanopia

46.9566, 48.6032, 54.4834

Deuteranopia

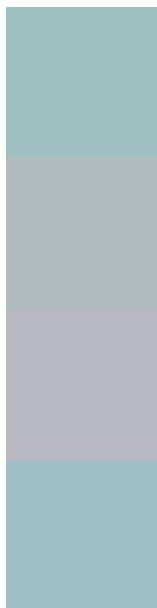
49.7248, 48.7248, 58.4138



Tritanopia

44.1308, 48.8118, 64.8533

Trichromacy



Original Color

42.7734, 48.9205, 57.6403

Protanomaly

45.1960, 48.6055, 55.7149

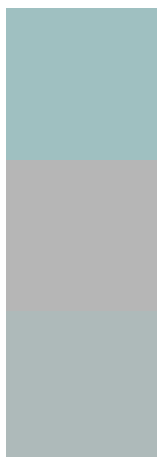
Deuteranomaly

46.6453, 48.3664, 57.9161

Tritanomaly

43.6706, 48.9522, 62.4054

Monochromacy



Original Color

42.7734, 48.9205, 57.6403

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.8774, 47.6617, 53.3414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7734, 48.9205, 57.6403 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, 192, 193)` looks like.

```
.text, #text, p{  
    color:rgb(159, 192, 193)  
}
```

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, 192, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 192, 193) }
```

Border

The CSS property to change the border of an element to XYZ 42.7734, 48.9205, 57.6403 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, 192, 193) }
```


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

```
.border{ border-color:rgb(159, 192, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 192, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 192, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 192, 193);  
box-shadow:4px 4px 4px 4px rgb(159, 192,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7734, 48.9205, 57.6403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 192, 193) }
```

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

```
.background{ background-color: rgb(159,  
192, 193) }
```

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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