

Converting Colors

XYZ(43.6229, 49.9239, 65.3786)

Have a look what the booklet for
XYZ(43.6229, 49.9239, 65.3786)
contains.

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Color

**XYZ(43.4481, 49.7637,
65.0730)**

Conversions

Conversions Part 1

Format	Color
Hex	99C2CD
RGB	153, 194, 205
RGB Percent	60%, 76%, 80%
CMY	0.4000, 0.2392, 0.1961
CMYK	0.25, 0.05, 0.00, 0.20
HSL	193°, 34%, 70%
HSV	193°, 25%, 80%
XYZ	43.4481, 49.7637, 65.0730
YIQ	182.9950, -27.9670, -5.2710

Conversions

Conversions Part 2

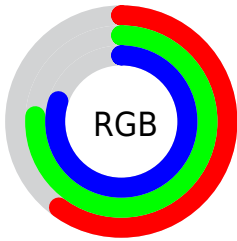
Format	Color
R _{YB}	153, 176, 205
Decimal	10076877
CIE Lab	75.92, -11.06, -9.98
CIE LCh	76, 14.893, 222.053
Yxy	49.7637, 0.2745, 0.3144
Android (android.graphics.Color)	4288266957 (0xFF99C2CD)
YUV	182.9950, 10.8485, -26.3056
Hunter-Lab	70.5434, -13.5117, -5.3119

Details

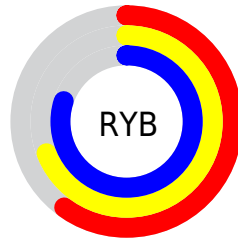
The XYZ color **43.4481, 49.7637, 65.0730** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.2026, 41.8301, 35.8823**, and the grayscale version is **44.9616, 47.3031, 51.5131**.

A 20% lighter version of the original color is **78.5596, 89.6243, 107.7664**, and **20.2195, 23.6999, 32.7870** is the 20% darker color. If you saturate the color by 10%, you get **38.9558, 46.0374, 64.5913**, and if you desaturate by 10%, it is **48.6363, 53.8931, 65.5974**.

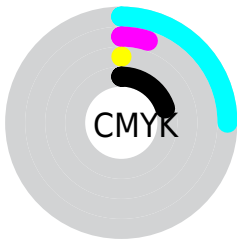
Distribution



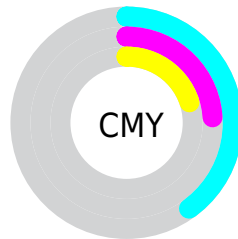
- Red (60%)
- Green (76%)
- Blue (80%)



- Red (60%)
- Yellow (69%)
- Blue (80%)



- Cyan (25%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (40%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4481, 49.7637, 65.0730 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 43.4481, 49.7637, 65.0730 by changing the saturation by 10% instead.

■ 43.4481, 49.7637,
65.0730

■ 43.4481, 49.7637,
65.0730

351.3417,
385.7411, 461.3676

■ 30.4329, 35.2257,
47.0686

■ 79.6381, 89.8247,
113.7691

■ 20.3171, 23.8368,
32.7351

■ 103.5437,
116.1164, 145.2978

■ 12.7354, 15.2126,
21.6542

131.8100,
147.0948, 182.1717

■ 7.3223, 8.9687,
13.4071

164.8026,
183.1443, 224.8093

■ 3.7126, 4.7208,
7.5755

202.8867,
224.6493, 273.6292

■ 1.5409, 2.0844,
3.7407

246.4276,

■ 0.3534, 0.6558,

271.9942, 329.0498

1.4842

295.7909,
325.5633, 391.4898

■ 0.0000, 0.0000,
0.2061

■ 0.0000, 0.0000,
0.0000

■ 43.4481, 49.7637,
65.0730

■ 43.4481, 49.7637,
65.0730

■ 38.9558, 46.0374,
64.5913

■ 48.6363, 53.8931,
65.5974

■ 35.1206, 42.6900,
64.1474

■ 54.5477, 58.4361,
66.1628

■ 31.9069, 39.7042,
63.7404

■ 61.2136, 63.4106,
66.7716

■ 29.2736, 37.0582,
63.3685

■ 68.6619, 68.8313,
67.4253

■ 27.1745, 34.7280,
63.0294

■ 76.7341, 74.6168,
68.1166

■ 25.5559, 32.6856,
62.7204

■ 77.8574, 76.8635,
68.4910

■ 24.3523, 30.8967,
62.4386

■ 79.0103, 79.1692,
68.8753

■ 23.8775, 30.1237,
62.3144

■ 80.1929, 81.5344,
69.2695

■ 81.4054, 83.9595,
69.6737

Harmonies

Analogous

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



42.2723, 49.7637, 57.4368



43.4481, 49.7637, 65.0730



45.6744, 49.7637, 70.0536

Triad

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



43.4481, 49.7637, 65.0730



52.5565, 49.7637, 59.0286



46.1939, 49.7637, 40.5768

Complementary

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



43.4481, 49.7637, 65.0730



44.2026, 41.8301, 35.8823

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.



48.9615, 49.7637, 40.9130



43.4481, 49.7637, 65.0730



52.7090, 49.7637, 51.0568

Square

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



43.4481, 49.7637, 65.0730



50.9621, 49.7637, 66.3360



51.3708, 49.7637, 44.5834



43.8156, 49.7637, 43.6152

Rectangle

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



43.4481, 49.7637, 65.0730



47.4902, 49.7637, 70.9276



51.3708, 49.7637, 44.5834



47.1081, 49.7637, 40.3078

Sweetspot

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



43.4496, 49.7657, 65.0741



86.5781, 93.6122, 108.1136



41.6159, 53.0946, 42.8944



18.2096, 19.7908, 23.1102



0.0000, 0.0000, 0.0000



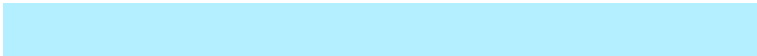
20.3446, 21.4041, 23.3091

Same Dimension

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



43.4496, 49.7657, 65.0741



67.3391, 78.3724, 106.1860



38.2710, 39.4085, 63.3479



11.3341, 12.3085, 14.3488



14.9354, 18.8949, 38.8162



0.8222, 1.0782, 2.0197

Inverse Universe

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



46.3069, 39.6578, 56.2553



72.8136, 59.5215, 89.1738



49.2113, 51.8475, 37.5519



11.5820, 11.3615, 13.5993



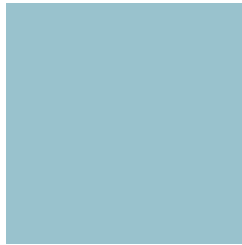
19.7496, 9.7104, 22.1980



1.0450, 0.5114, 1.2827

Previews

White Background



This preview shows how the XYZ color 43.4481, 49.7637, 65.0730 looks on a white background.

Color Contrast Check

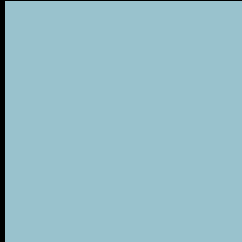
Large Text (above 18pt) WCAG AA × Fail

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 43.4481, 49.7637, 65.0730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

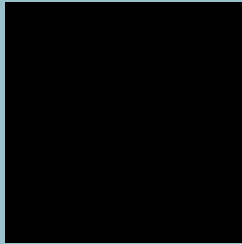
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4481, 49.7637, 65.0730

Background



This preview shows how black text looks on a background with the XYZ color 43.4481, 49.7637, 65.0730.



This preview shows how white text looks on a background with the XYZ color 43.4481, 49.7637,

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

43.4481, 49.7637, 65.0730

Protanopia

48.0240, 49.3072, 61.6297

Deuteranopia

50.6188, 49.6121, 66.5827



Tritanopia

43.9050, 49.6134, 67.5839

Trichromacy



Original Color

43.4481, 49.7637, 65.0730

Protanomaly

46.0994, 49.2294, 62.9496

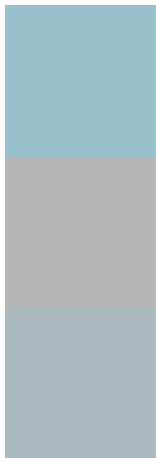
Deuteranomaly

47.6438, 49.3261, 66.0413

Tritanomaly

43.7816, 49.5640, 66.9338

Monochromacy



Original Color

43.4481, 49.7637, 65.0730

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.1876, 48.0729, 56.2403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4481, 49.7637, 65.0730 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(153, 194, 205)` looks like.

```
.text, #text, p{  
    color:rgb(153, 194, 205)  
}
```

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(153, 194, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 194, 205) }
```

Border

The CSS property to change the border of an element to XYZ 43.4481, 49.7637, 65.0730 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(153, 194, 205) }
```


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

```
.border{ border-color:rgb(153, 194, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 194, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 194, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 194, 205);  
box-shadow:4px 4px 4px 4px rgb(153, 194,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4481, 49.7637, 65.0730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 194, 205) }
```

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

```
.background{ background-color: rgb(153,  
194, 205) }
```

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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