

Converting Colors

XYZ(42.5634, 49.1689, 66.6894)

Have a look what the booklet for
XYZ(42.5634, 49.1689, 66.6894)
contains.

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Color

**XYZ(42.7096, 49.3407,
66.9472)**

Conversions

Conversions Part 1

Format	Color
Hex	93C2D0
RGB	147, 194, 208
RGB Percent	58%, 76%, 82%
CMY	0.4235, 0.2392, 0.1843
CMYK	0.29, 0.07, 0.00, 0.18
HSL	194°, 39%, 70%
HSV	194°, 29%, 82%
XYZ	42.7096, 49.3407, 66.9472
YIQ	181.5430, -32.5060, -5.6100

Conversions

Conversions Part 2

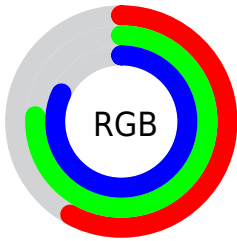
Format	Color
R _{YB}	147, 174, 208
Decimal	9683664
CIE Lab	75.66, -12.13, -12.03
CIE LCh	76, 17.081, 224.764
Yxy	49.3407, 0.2686, 0.3103
Android (android.graphics.Color)	4287873744 (0xFF93C2D0)
YUV	181.5430, 13.0433, -30.2942
Hunter-Lab	70.2429, -14.3923, -7.3381

Details

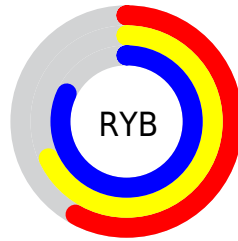
The XYZ color **42.7096, 49.3407, 66.9472** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.0244, 41.0067, 33.1997**, and the grayscale version is **44.1604, 46.4601, 50.5951**.

A 20% lighter version of the original color is **76.9043, 88.7709, 107.6890**, and **19.8269, 23.4689, 34.0568** is the 20% darker color. If you saturate the color by 10%, you get **38.2667, 45.4997, 66.4408**, and if you desaturate by 10%, it is **47.8640, 53.6016, 67.4988**.

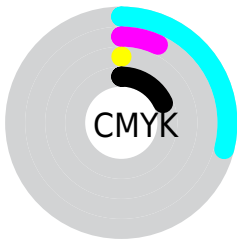
Distribution



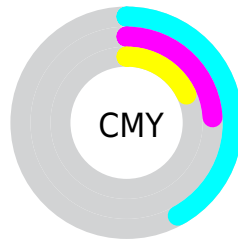
- Red (58%)
- Green (76%)
- Blue (82%)



- Red (58%)
- Yellow (68%)
- Blue (82%)



- Cyan (29%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (42%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7096, 49.3407, 66.9472 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 42.7096, 49.3407, 66.9472 by changing the saturation by 10% instead.

■ 42.7096, 49.3407,
66.9472

■ 42.7096, 49.3407,
66.9472

348.3579,
384.0820, 468.2532

■ 29.8509, 34.8898,
48.5804

■ 78.5309, 89.1973,
116.4847

■ 19.8729, 23.5780,
33.9235

■ 102.2242,
115.3717, 148.4924

■ 12.4104, 15.0209,
22.5579

130.2597,
146.2228, 185.8842

■ 7.0980, 8.8340,
14.0652

163.0027,
182.1350, 229.0787

■ 3.5704, 4.6331,
8.0268

200.8187,
223.4926, 278.4942

■ 1.4621, 2.0336,
4.0241

244.0730,

■ 0.2998, 0.6269,

270.6801, 334.5495

1.6386

293.1310,
324.0817, 397.6629

■ 0.0000, 0.0000,
0.3181

■ 0.0000, 0.0000,
0.0000

■ 42.7096, 49.3407,
66.9472

■ 42.7096, 49.3407,
66.9472

■ 38.2667, 45.4997,
66.4408

■ 47.8640, 53.6016,
67.4988

■ 34.4941, 42.0532,
65.9744

■ 53.7593, 58.2944,
68.0939

■ 31.3533, 38.9821,
65.5472

■ 60.4288, 63.4378,
68.7351

■ 28.7996, 36.2629,
65.1569

■ 67.9022, 69.0477,
69.4241

■ 26.7823, 33.8691,
64.8012

■ 76.2078, 75.1390,
70.1621

■ 25.2418, 31.7692,
64.4770

■ 78.9175, 78.3986,
70.6484

■ 24.0766, 29.9105,
64.1797

■ 80.2082, 80.9799,
71.0786

■ 24.0030, 29.7895,
64.1602

■ 81.5351, 83.6336,
71.5209

■ 82.8984, 86.3603,
71.9754

Harmonies

Analogous

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



41.2579, 49.3407, 58.2861



42.7096, 49.3407, 66.9472



45.3166, 49.3407, 72.3440

Triad

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



42.7096, 49.3407, 66.9472



53.0135, 49.3407, 58.4325



45.3639, 49.3407, 38.5787

Complementary

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



42.7096, 49.3407, 66.9472



44.0244, 41.0067, 33.1997

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.



48.5134, 49.3407, 38.6085



42.7096, 49.3407, 66.9472



53.0276, 49.3407, 49.4057

Square

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



42.7096, 49.3407, 66.9472



51.3116, 49.3407, 67.0647



51.3492, 49.3407, 42.3672



42.7429, 49.3407, 42.2807

Rectangle

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



42.7096, 49.3407, 66.9472



47.4038, 49.3407, 73.0193



51.3492, 49.3407, 42.3672



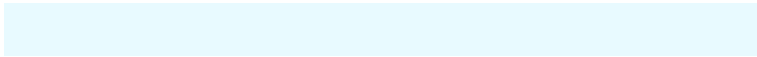
46.3935, 49.3407, 38.1673

Sweetspot

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



42.7111, 49.3427, 66.9483



85.4478, 92.5899, 107.9758



40.9537, 53.8615, 41.5962



17.9778, 19.5737, 23.0805



0.0000, 0.0000, 0.0000



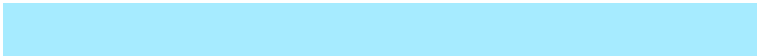
20.3446, 21.4041, 23.3091

Same Dimension

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



42.7111, 49.3427, 66.9483



63.2944, 74.4418, 105.6405



36.7451, 37.4108, 64.9597



11.9188, 12.9278, 15.1108



15.0359, 18.7184, 40.0130



0.8982, 1.1617, 2.2565

Inverse Universe

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



46.1850, 38.1736, 55.9752



69.7568, 54.4120, 85.0597



49.8489, 52.6557, 35.1412



12.1899, 11.9607, 14.2758



20.2202, 9.9609, 21.8634



1.1596, 0.5686, 1.3754

Previews

White Background



This preview shows how the XYZ color 42.7096, 49.3407, 66.9472 looks on a white background.

Color Contrast Check

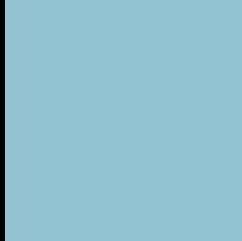
Large Text (above 18pt) WCAG AA × Fail

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 42.7096, 49.3407, 66.9472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

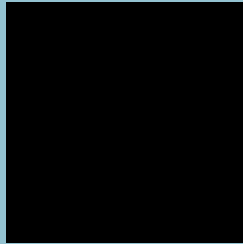
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.7096, 49.3407, 66.9472

Background



This preview shows how black text looks on a background with the XYZ color 42.7096, 49.3407, 66.9472.



This preview shows how white text looks on a background with the XYZ color 42.7096, 49.3407,

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

42.7096, 49.3407, 66.9472

Protanopia

47.7768, 49.1525, 62.8464

Deuteranopia

50.0200, 48.9574, 68.4414



Tritanopia

42.8330, 49.3901, 67.5973

Trichromacy



Original Color

42.7096, 49.3407, 66.9472

Protanomaly

45.6769, 48.9840, 64.1742

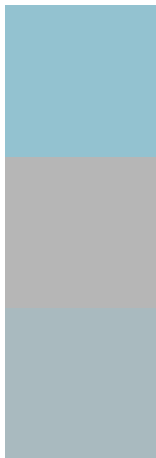
Deuteranomaly

47.0963, 49.0011, 67.9487

Tritanomaly

42.8330, 49.3901, 67.5973

Monochromacy



Original Color

42.7096, 49.3407, 66.9472

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.3251, 47.3144, 56.1393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7096, 49.3407, 66.9472 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(147, 194, 208)` looks like.

```
.text, #text, p{  
    color:rgb(147, 194, 208)  
}
```

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(147, 194, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 194, 208) }
```

Border

The CSS property to change the border of an element to XYZ 42.7096, 49.3407, 66.9472 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(147, 194, 208) }
```


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

```
.border{ border-color:rgb(147, 194, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 194, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 194, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 194, 208);  
box-shadow:4px 4px 4px 4px rgb(147, 194,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7096, 49.3407, 66.9472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 194, 208) }
```

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

```
.background{ background-color: rgb(147,  
194, 208) }
```

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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