

Converting Colors

XYZ(44.2165, 49.9227, 67.2757)

Have a look what the booklet for
XYZ(44.2165, 49.9227, 67.2757)
contains.

| | |
|--|----|
| XYZ(43.9727, 49.6626, 66.9427) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(43.9727, 49.6626,
66.9427)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 9BC1D0 |
| RGB | 155, 193, 208 |
| RGB Percent | 61%, 76%, 82% |
| CMY | 0.3921, 0.2431, 0.1843 |
| CMYK | 0.25, 0.07, 0.00, 0.18 |
| HSL | 197°, 36%, 71% |
| HSV | 197°, 25%, 82% |
| XYZ | 43.9727, 49.6626, 66.9427 |
| YIQ | 183.3480, -27.4630, -3.3910 |

Conversions

Conversions Part 2

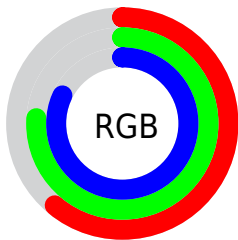
| Format | Color |
|-------------------------------------|---|
| RYB | 155, 177, 208 |
| Decimal | 10207696 |
| CIELab | 75.86, -9.25, -11.68 |
| CIELCh | 76, 14.898, 231.637 |
| Yxy | 49.6626, 0.2738, 0.3093 |
| Android (android.graphics.Color) | 4288397776 (0xFF9BC1D0) |
| YUV | 183.3480, 12.1534, -24.8612 |
| Hunter-Lab | 70.4717, -11.9456, -6.9908 |

Details

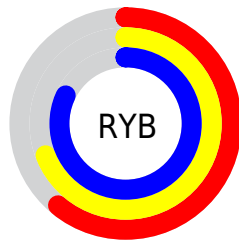
The XYZ color **43.9727, 49.6626, 66.9427** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.3040, 44.5261, 37.1653**, and the grayscale version is **45.1481, 47.4993, 51.7268**.

A 20% lighter version of the original color is **78.5040, 88.6730, 107.5857**, and **20.5448, 23.6231, 34.0487** is the 20% darker color. If you saturate the color by 10%, you get **39.0445, 45.2299, 66.3477**, and if you desaturate by 10%, it is **49.6433, 54.5574, 67.5894**.

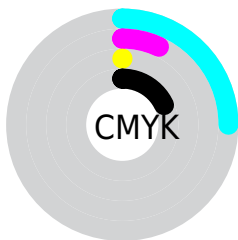
Distribution



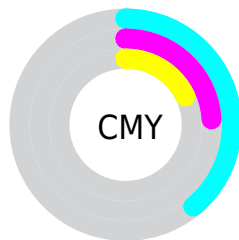
- Red (61%)
- Green (76%)
- Blue (82%)



- Red (61%)
- Yellow (69%)
- Blue (82%)



- Cyan (25%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (39%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.9727, 49.6626, 66.9427 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 43.9727, 49.6626, 66.9427 by changing the saturation by 10% instead.

■ 43.9727, 49.6626,
66.9427

■ 43.9727, 49.6626,
66.9427

353.4510,
385.3450, 468.2367

■ 30.8469, 35.1454,
48.5768

■ 80.4233, 89.6748,
116.4782

■ 20.6335, 23.7749,
33.9206

■ 104.4787,
115.9385, 148.4848

■ 12.9673, 15.1667,
22.5558

132.9081,
146.8866, 185.8754

■ 7.4829, 8.9365,
14.0636

166.0767,
182.9033, 229.0685

■ 3.8149, 4.6998,
8.0257

204.3499,
224.3731, 278.4826

■ 1.5979, 2.0722,
4.0234

248.0931,

■ 0.3911, 0.6489,

271.6804, 334.5363

1.6382

297.6717,
325.2096, 397.6482

■ 0.0000, 0.0000,
0.3178

■ 0.0000, 0.0000,
0.0000

■ 43.9727, 49.6626,
66.9427

■ 43.9727, 49.6626,
66.9427

■ 39.0445, 45.2299,
66.3477

■ 49.6433, 54.5574,
67.5894

■ 34.8184, 41.2338,
65.7991

■ 56.0851, 59.9263,
68.2862

■ 31.2568, 37.6555,
65.2961

■ 63.3308, 65.7882,
69.0358

■ 28.3168, 34.4718,
64.8366

■ 71.4098, 72.1592,
69.8397

■ 25.9501, 31.6568,
64.4180

■ 78.8619, 78.2872,
70.6298

■ 24.1004, 29.1808,
64.0375

■ 80.4566, 81.4768,
71.1614

■ 22.6992, 27.0073,
63.6918

■ 82.1066, 84.7767,
71.7113

■ 22.1553, 26.0941,
63.5442

■ 83.8122, 88.1880,
72.2799

■ 85.5741, 91.7117,
72.8672

Harmonies

Analogous

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



42.4215, 49.6626, 59.8979



43.9727, 49.6626, 66.9427



46.4322, 49.6626, 70.6193

Triad

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



43.9727, 49.6626, 66.9427



52.6728, 49.6626, 56.3238



45.2654, 49.6626, 41.0944

Complementary

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



43.9727, 49.6626, 66.9427



46.3040, 44.5261, 37.1653

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.



47.9819, 49.6626, 40.3388



43.9727, 49.6626, 66.9427



52.3306, 49.6626, 48.6406

Square

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



43.9727, 49.6626, 66.9427



51.5049, 49.6626, 64.1080



50.5874, 49.6626, 42.9704



43.1472, 49.6626, 45.1460

Rectangle

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



43.9727, 49.6626, 66.9427



48.2857, 49.6626, 70.4385



50.5874, 49.6626, 42.9704



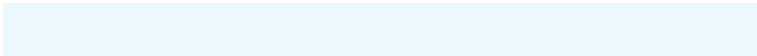
46.1362, 49.6626, 40.4635

Sweetspot

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



43.9742, 49.6646, 66.9438



86.1250, 92.7061, 107.9625



43.2484, 54.9508, 45.9300



18.0950, 19.5616, 23.0720



0.0000, 0.0000, 0.0000



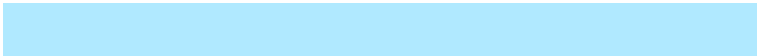
20.3446, 21.4041, 23.3091

Same Dimension

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



43.9742, 49.6646, 66.9438



64.9777, 74.5133, 105.5656



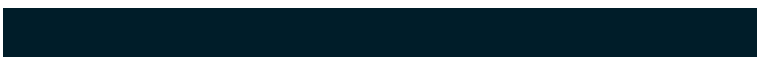
38.7897, 39.2957, 65.2157



11.8639, 12.8180, 15.0925



13.8939, 16.4343, 39.6324



0.8424, 1.0500, 2.2378

Inverse Universe

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



47.3606, 40.7040, 55.8149



71.4108, 58.1532, 84.2756



51.5870, 55.0920, 38.9263



12.1622, 11.9496, 14.1299



19.6437, 9.7303, 18.8278



1.1314, 0.5573, 1.2269

Previews

White Background



This preview shows how the XYZ color 43.9727, 49.6626, 66.9427 looks on a white background.

Color Contrast Check

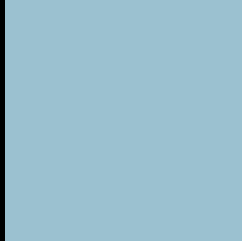
Large Text (above 18pt) WCAG AA × Fail

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 43.9727, 49.6626, 66.9427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

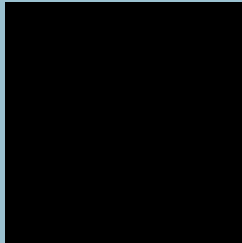
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.9727, 49.6626, 66.9427

Background



This preview shows how black text looks on a background with the XYZ color 43.9727, 49.6626, 66.9427.



This preview shows how white text looks on a background with the XYZ color 43.9727, 49.6626,

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

43.9727, 49.6626, 66.9427

Protanopia

48.1360, 49.3240, 63.4834

Deuteranopia

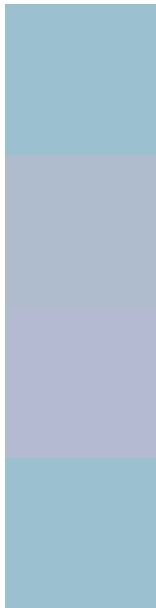
50.3531, 49.4465, 67.8630



Tritanopia

43.9727, 49.6626, 66.9427

Trichromacy



Original Color

43.9727, 49.6626, 66.9427

Protanomaly

46.4582, 49.3729, 64.8389

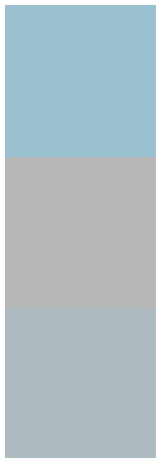
Deuteranomaly

47.6579, 49.3050, 67.3266

Tritanomaly

43.9727, 49.6626, 66.9427

Monochromacy



Original Color

43.9727, 49.6626, 66.9427

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.5183, 48.2307, 56.8323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9727, 49.6626, 66.9427 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(155, 193, 208)` looks like.

```
.text, #text, p{  
    color:rgb(155, 193, 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(155, 193, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 193, 208) }
```

Border

The CSS property to change the border of an element to XYZ 43.9727, 49.6626, 66.9427 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(155, 193, 208) }
```


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

```
.border{ border-color:rgb(155, 193, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 193, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 193, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 193, 208);  
box-shadow:4px 4px 4px 4px rgb(155, 193,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9727, 49.6626, 66.9427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 193, 208) }
```

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

```
.background{ background-color: rgb(155,  
193, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor