

Converting Colors

XYZ(39.5841, 48.2781, 67.5387)

Have a look what the booklet for
XYZ(39.5841, 48.2781, 67.5387)
contains.

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Color

**XYZ(39.7060, 48.4433,
67.5794)**

Conversions

Conversions Part 1

Format	Color
Hex	7DC4D1
RGB	125, 196, 209
RGB Percent	49%, 77%, 82%
CMY	0.5098, 0.2314, 0.1804
CMYK	0.40, 0.06, 0.00, 0.18
HSL	189°, 48%, 65%
HSV	189°, 40%, 82%
XYZ	39.7060, 48.4433, 67.5794
YIQ	176.2530, -46.4890, -11.0090

Conversions

Conversions Part 2

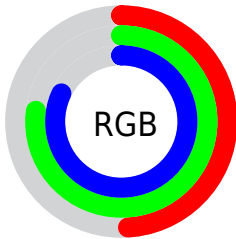
Format	Color
R _Y B	125, 163, 209
Decimal	8242385
CIE Lab	75.10, -18.91, -13.53
CIE LCh	75, 23.253, 215.569
Yxy	48.4433, 0.2550, 0.3111
Android (android.graphics.Color)	4286432465 (0xFF7DC4D1)
YUV	176.2530, 16.1443, -44.9489
Hunter-Lab	69.6012, -19.9717, -8.8469

Details

The XYZ color **39.7060, 48.4433, 67.5794** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.0855, 33.2136, 23.7541**, and the grayscale version is **41.3358, 43.4885, 47.3590**.

A 20% lighter version of the original color is **72.2313, 87.2943, 107.6502**, and **18.1152, 23.0147, 34.4978** is the 20% darker color. If you saturate the color by 10%, you get **36.2487, 45.5908, 67.2119**, and if you desaturate by 10%, it is **43.8239, 51.6620, 67.9845**.

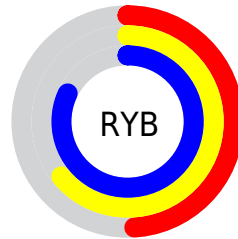
Distribution



Red (49%)

Green (77%)

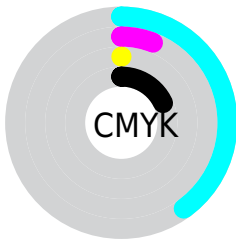
Blue (82%)



Red (49%)

Yellow (64%)

Blue (82%)

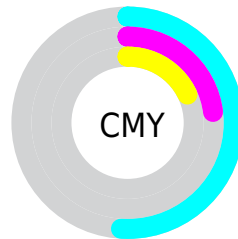


Cyan (40%)

Magenta (6%)

Yellow (0%)

Black (18%)



Cyan (51%)

Magenta (23%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7060, 48.4433, 67.5794 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 39.7060, 48.4433, 67.5794 by changing the saturation by 10% instead.

■ 39.7060, 48.4433,
67.5794

■ 39.7060, 48.4433,
67.5794

336.0386,
380.5466, 470.5619

■ 27.4926, 34.1781,
49.0911

■ 74.0028, 87.8641,
117.3988

■ 18.0820, 23.0304,
34.3256

■ 96.8169, 113.7884,
149.5669

■ 11.1089, 14.6160,
22.8645

■ 123.8953,
144.3679, 187.1320

■ 6.2080, 8.5503,
14.2891

155.6032,
179.9869, 230.5127

■ 3.0138, 4.4491,
8.1810

192.3062,
221.0299, 280.1275

■ 1.1611, 1.9278,
4.1215

234.3695,

■ 0.0753, 0.5650,

267.8813, 336.3950

1.6923

282.1585,
320.9254, 399.7336

■ 0.0000, 0.0000,
0.3554

■ 0.0000, 0.0000,
0.0000

■ 39.7060, 48.4433,
67.5794

■ 39.7060, 48.4433,
67.5794

■ 36.2487, 45.5908,
67.2119

■ 43.8239, 51.6620,
67.9845

■ 33.4070, 43.0777,
66.8766

■ 48.6351, 55.2604,
68.4255

■ 31.1369, 40.8823,
66.5725

■ 54.1755, 59.2584,
68.9051

■ 29.3867, 38.9779,
66.2971

■ 60.4771, 63.6726,
69.4250

■ 28.0952, 37.3327,
66.0476

■ 67.5700, 68.5186,
69.9866

■ 27.1639, 35.9138,
65.8228

■ 75.4827, 73.8113,
70.5911

■ 77.9871, 76.3400,
70.9472

■ 78.8372, 78.0404,
71.2306

■ 79.7039, 79.7736,
71.5195

Harmonies

Analogous

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



38.3735, 48.4433, 55.0525



39.7060, 48.4433, 67.5794



42.7431, 48.4433, 77.0777

Triad

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



39.7060, 48.4433, 67.5794



53.8996, 48.4433, 63.0404



45.2547, 48.4433, 32.6984

Complementary

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



39.7060, 48.4433, 67.5794



39.0855, 33.2136, 23.7541

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.



49.5104, 48.4433, 34.1644



39.7060, 48.4433, 67.5794



54.6738, 48.4433, 50.5058

Square

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



39.7060, 48.4433, 67.5794



50.9674, 48.4433, 74.1873



53.0227, 48.4433, 40.2603



41.4481, 48.4433, 35.8945

Rectangle

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



39.7060, 48.4433, 67.5794



45.4148, 48.4433, 79.7181



53.0227, 48.4433, 40.2603



46.6787, 48.4433, 32.6690

Sweetspot

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



39.7075, 48.4452, 67.5805



83.1826, 91.6673, 107.9171



35.8175, 51.7853, 32.0022



17.5509, 19.4389, 23.0770



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.



39.7075, 48.4452, 67.5805



57.6725, 72.1994, 105.5040



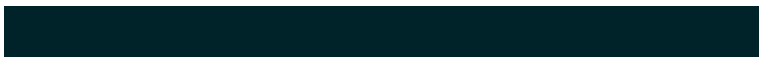
31.5890, 32.2081, 64.8744



11.9961, 13.0824, 15.1366



16.8072, 22.2610, 40.6035



0.9828, 1.3308, 2.2846

Inverse Universe

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



43.5931, 32.2093, 56.1460



64.7219, 43.9853, 84.4812



46.2378, 47.5184, 26.1382



12.2289, 11.9763, 14.4812



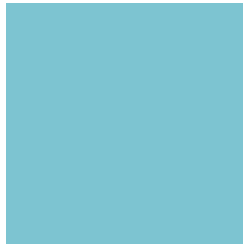
21.1142, 10.3185, 26.5714



1.2023, 0.5856, 1.6001

Previews

White Background



This preview shows how the XYZ color 39.7060, 48.4433, 67.5794 looks on a white background.

Color Contrast Check

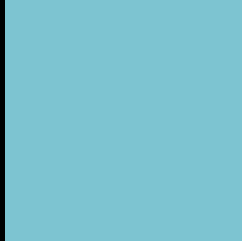
Large Text (above 18pt) WCAG AA × Fail

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 39.7060, 48.4433, 67.5794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

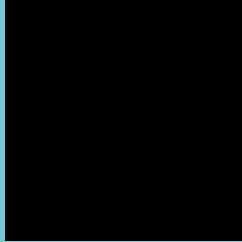
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.7060, 48.4433, 67.5794

Background



This preview shows how black text looks on a background with the XYZ color 39.7060, 48.4433, 67.5794.



This preview shows how white text looks on a background with the XYZ color 39.7060, 48.4433,

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

39.7060, 48.4433, 67.5794

Protanopia

46.7675, 48.0291, 62.0640

Deuteranopia

49.0705, 48.1380, 69.6561



Tritanopia

40.1020, 48.6186, 68.8988

Trichromacy



Original Color

39.7060, 48.4433, 67.5794

Protanomaly

43.5802, 47.9031, 64.0760

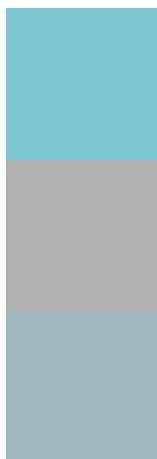
Deuteranomaly

44.9596, 47.8706, 69.1577

Tritanomaly

39.9770, 48.5686, 68.2404

Monochromacy



Original Color

39.7060, 48.4433, 67.5794

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

39.9152, 44.6659, 54.0946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7060, 48.4433, 67.5794 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(125, 196, 209)` looks like.

```
.text, #text, p{  
    color:rgb(125, 196, 209)  
}
```

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(125, 196, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 196, 209) }
```

Border

The CSS property to change the border of an element to XYZ 39.7060, 48.4433, 67.5794 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(125, 196, 209) }
```


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

```
.border{ border-color:rgb(125, 196, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 196, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 196, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 196, 209);  
box-shadow:4px 4px 4px 4px rgb(125, 196,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7060, 48.4433, 67.5794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 196, 209) }
```

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

```
.background{ background-color: rgb(125,  
196, 209) }
```

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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