

Converting Colors

XYZ(39.2725, 50.7573, 61.7601)

Have a look what the booklet for
XYZ(39.2725, 50.7573, 61.7601)
contains.

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Color

**XYZ(39.2725, 50.7573,
61.7601)**

Conversions

Conversions Part 1

Format	Color
Hex	77CBC7
RGB	119, 203, 199
RGB Percent	47%, 80%, 78%
CMY	0.5333, 0.2039, 0.2196
CMYK	0.41, 0.00, 0.02, 0.20
HSL	177°, 45%, 63%
HSV	177°, 41%, 80%
XYZ	39.2725, 50.7573, 61.7601
YIQ	177.4280, -48.7800, -19.0520

Conversions

Conversions Part 2

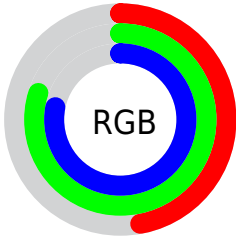
Format	Color
RYB	119, 162, 203
Decimal	7850951
CIELab	76.53, -26.43, -6.02
CIElCh	77, 27.111, 192.827
Yxy	50.7573, 0.2587, 0.3344
Android (android.graphics.Color)	4286041031 (0xFF77CBC7)
YUV	177.4280, 10.6350, -51.2414
Hunter-Lab	71.2442, -26.2813, -1.5264

Details

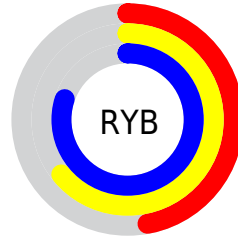
The XYZ color **39.2725, 50.7573, 61.7601** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **34.8023, 27.3218, 22.1801**, and the grayscale version is **41.9804, 44.1667, 48.0975**.

A 20% lighter version of the original color is **71.4892, 87.8540, 107.7974**, and **17.9082, 24.5960, 30.5917** is the 20% darker color. If you saturate the color by 10%, you get **36.6670, 49.4283, 61.0549**, and if you desaturate by 10%, it is **42.4767, 52.3974, 62.4993**.

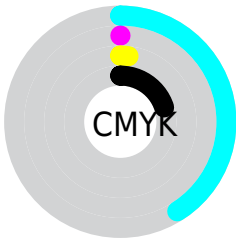
Distribution



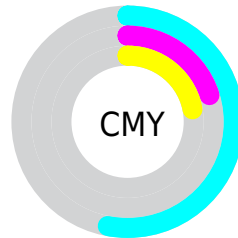
- Red (47%)
- Green (80%)
- Blue (78%)



- Red (47%)
- Yellow (64%)
- Blue (80%)



- Cyan (41%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



- Cyan (53%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2725, 50.7573, 61.7601 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 39.2725, 50.7573, 61.7601 by changing the saturation by 10% instead.

■ 39.2725, 50.7573,
61.7601

■ 39.2725, 50.7573,
61.7601

334.2349,
389.6201, 449.0389

■ 27.1535, 36.0155,
44.4043

■ 73.3458, 91.2959,
108.9470

■ 17.8257, 24.4462,
30.6490

■ 96.0308, 117.8615,
139.6152

■ 10.9238, 15.6649,
20.0755

■ 122.9685,
149.1372, 175.5579

■ 6.0826, 9.2874,
12.2653

154.5243,
185.5073, 217.1938

■ 2.9365, 4.9291,
6.7999

191.0634,
227.3562, 264.9412

■ 1.1203, 2.2057,
3.2607

232.9514,

■ 0.0420, 0.7231,

275.0684, 319.2189

1.2293

280.5534,
329.0283, 380.4453

■ 0.0000, 0.0000,
0.0027

■ 0.0000, 0.0000,
0.0000

■ 39.2725, 50.7573,
61.7601

■ 39.2725, 50.7573,
61.7601

■ 36.6670, 49.4283,
61.0549

■ 42.4767, 52.3974,
62.4993

■ 34.6175, 48.3846,
60.3783


■ 46.3101, 54.3604,
63.2706


■ 33.0828, 47.6062,
59.7295


■ 50.8062, 56.6651,
64.0766


■ 32.0142, 47.0680,
59.1062


■ 55.9950, 59.3267,
64.9188


 31.3532, 46.7398,
58.5057


 61.9048, 62.3600,
65.7984

 31.0195, 46.5786,
58.0020

 68.5620, 65.7785,
66.7169

 73.7096, 68.4186,
67.5684

 73.8273, 68.4657,
68.1883

 73.9458, 68.5131,
68.8120

Harmonies

Analogous

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



39.4411, 50.7573, 47.3574



39.2725, 50.7573, 61.7601



41.3817, 50.7573, 76.7171

Triad

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



39.2725, 50.7573, 61.7601



55.2448, 50.7573, 78.6127



51.2068, 50.7573, 32.4809

Complementary

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



39.2725, 50.7573, 61.7601



34.8023, 27.3218, 22.1801

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.



55.8243, 50.7573, 38.2403



39.2725, 50.7573, 61.7601



58.2664, 50.7573, 64.0096

Square

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



39.2725, 50.7573, 61.7601



50.4605, 50.7573, 87.5418



58.4856, 50.7573, 49.2440



46.0920, 50.7573, 32.0944

Rectangle

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



39.2725, 50.7573, 61.7601



43.8885, 50.7573, 84.3122



58.4856, 50.7573, 49.2440



52.8771, 50.7573, 33.7989

Sweetspot

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



39.2740, 50.7593, 61.7613



84.4407, 94.5577, 107.1829



32.8843, 48.2715, 25.0381



17.8490, 20.1240, 22.9027



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.



39.2740, 50.7593, 61.7613



61.6743, 82.9054, 102.3134



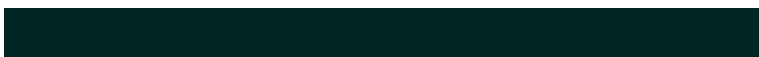
31.8801, 35.2179, 61.6196



11.5193, 12.7175, 14.2920



19.7497, 29.6452, 36.9627



1.0261, 1.5323, 1.9452

Inverse Universe

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



34.8023, 27.3218, 22.1801



53.1676, 38.2776, 26.9850



39.9833, 38.0765, 22.6961



11.2336, 11.2222, 11.7649



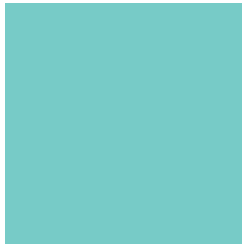
15.7168, 8.0973, 0.9613



0.8186, 0.4208, 0.0904

Previews

White Background



This preview shows how the XYZ color 39.2725, 50.7573, 61.7601 looks on a white background.

Color Contrast Check

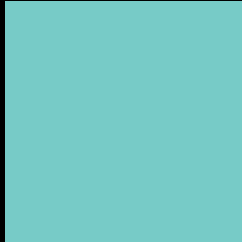
Large Text (above 18pt) WCAG AA × Fail

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 39.2725, 50.7573, 61.7601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

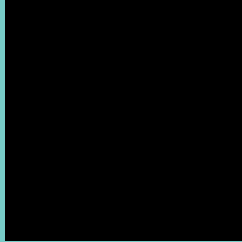
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2725, 50.7573, 61.7601

Background



This preview shows how black text looks on a background with the XYZ color 39.2725, 50.7573, 61.7601.

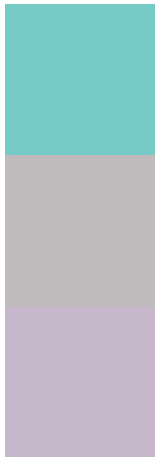


This preview shows how white text looks on a background with the XYZ color 39.2725, 50.7573,

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

39.2725, 50.7573, 61.7601

Protanopia

48.4415, 50.2911, 55.2981

Deuteranopia

51.2662, 50.3209, 63.5108



Tritanopia

41.3611, 50.5515, 72.5432

Trichromacy



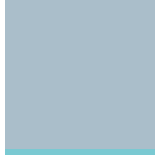
Original Color

39.2725, 50.7573, 61.7601



Protanomaly

44.2127, 49.9895, 57.7708



Deuteranomaly

45.6517, 49.6372, 63.0520



Tritanomaly

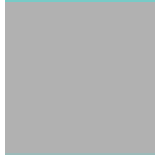
40.5455, 50.5640, 68.5956

Monochromacy



Original Color

39.2725, 50.7573, 61.7601



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

40.0262, 45.6885, 52.6081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2725, 50.7573, 61.7601 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(119, 203, 199)` looks like.

```
.text, #text, p{  
    color:rgb(119, 203, 199)  
}
```

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(119, 203, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 203, 199) }
```

Border

The CSS property to change the border of an element to XYZ 39.2725, 50.7573, 61.7601 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(119, 203, 199) }
```


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

```
.border{ border-color:rgb(119, 203, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 203, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 203, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 203, 199);  
box-shadow:4px 4px 4px 4px rgb(119, 203,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2725, 50.7573, 61.7601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 203, 199) }
```

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

```
.background{ background-color: rgb(119,  
203, 199) }
```

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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