

Converting Colors

XYZ(30.7225, 40.4102, 59.3824)

Have a look what the booklet for
XYZ(30.7225, 40.4102, 59.3824)
contains.

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Color

**XYZ(30.7665, 40.4374,
59.6097)**

Conversions

Conversions Part 1

Format	Color
Hex	4FB9C6
RGB	79, 185, 198
RGB Percent	31%, 73%, 78%
CMY	0.6902, 0.2745, 0.2235
CMYK	0.60, 0.07, 0.00, 0.22
HSL	187°, 51%, 54%
HSV	187°, 60%, 78%
XYZ	30.7665, 40.4374, 59.6097
YIQ	154.7880, -67.3490, -18.4290

Conversions

Conversions Part 2

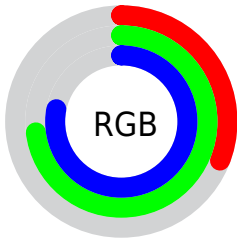
Format	Color
R _Y B	79, 135, 198
Decimal	5224902
CIE Lab	69.78, -26.43, -15.72
CIE LCh	70, 30.753, 210.733
Yxy	40.4374, 0.2352, 0.3091
Android (android.graphics.Color)	4283414982 (0xFF4FB9C6)
YUV	154.7880, 21.3035, -66.4661
Hunter-Lab	63.5904, -24.9208, -11.0652

Details

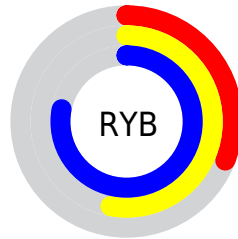
The XYZ color **30.7665, 40.4374, 59.6097** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **28.5282, 20.2258, 9.7988**, and the grayscale version is **30.9936, 32.6077, 35.5097**.

A 20% lighter version of the original color is **60.1528, 75.6196, 106.0334**, and **13.2853, 18.5161, 29.2593** is the 20% darker color. If you saturate the color by 10%, you get **28.9096, 38.8144, 59.3950**, and if you desaturate by 10%, it is **33.1232, 42.3300, 59.8515**.

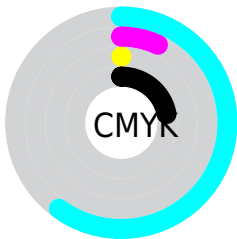
Distribution



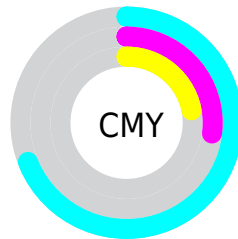
- Red (31%)
- Green (73%)
- Blue (78%)



- Red (31%)
- Yellow (53%)
- Blue (78%)



- Cyan (60%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)



- Cyan (69%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7665, 40.4374, 59.6097 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 30.7665, 40.4374, 59.6097 by changing the saturation by 10% instead.

■ 30.7665, 40.4374,
59.6097

■ 30.7665, 40.4374,
59.6097

297.3073,
347.9637, 440.9223

■ 20.5721, 27.8797,
42.6809

■ 60.2506, 75.8291,
105.8011

■ 12.9222, 18.2350,
29.3053

■ 80.2710, 99.4320,
135.9008

■ 7.4516, 11.1189,
19.0643

■ 104.2974,
127.4853, 171.2278

■ 3.7950, 6.1468,
11.5395

■ 132.6952,
160.3736, 212.2007

■ 1.5868, 2.9346,
6.3122

165.8297,
198.4812, 259.2381

■ 0.3838, 1.0977,
2.9640

204.0663,

■ 0.0000, 0.0000,

242.1925, 312.7585

1.0763

247.7704,
291.8918, 373.1803

■ 0.0000, 0.0000,
0.0000

■ 30.7665, 40.4374,
59.6097

■ 30.7665, 40.4374,
59.6097

■ 28.9096, 38.8144,
59.3950

■ 33.1232, 42.3300,
59.8515

■ 27.5036, 37.4331,
59.2025

■ 36.0155, 44.5082,
60.1195

■ 26.4966, 36.2677,
59.0306

■ 39.4801, 46.9917,
60.4163

■ 25.7916, 35.2742,
58.8760

■ 43.5495, 49.7973,
60.7433

■ 48.2537, 52.9406,
61.1021

■ 53.6208, 56.4360,
61.4939

■ 59.6769, 60.2971,
61.9200

■ 66.4470, 64.5368,
62.3815

■ 73.1376, 68.7462,
62.8414

Harmonies

Analogous

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



29.6205, 40.4374, 44.3817



30.7665, 40.4374, 59.6097



33.9341, 40.4374, 72.5979

Triad

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



30.7665, 40.4374, 59.6097



47.4222, 40.4374, 58.8681



38.3120, 40.4374, 21.8805

Complementary

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



30.7665, 40.4374, 59.6097



28.5282, 20.2258, 9.7988

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.



43.3162, 40.4374, 24.1531



30.7665, 40.4374, 59.6097



48.8436, 40.4374, 43.6790

Square

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



30.7665, 40.4374, 59.6097



43.5467, 40.4374, 72.1086



47.2812, 40.4374, 31.4322



33.7390, 40.4374, 24.3893

Rectangle

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



30.7665, 40.4374, 59.6097



36.9108, 40.4374, 77.0800



47.2812, 40.4374, 31.4322



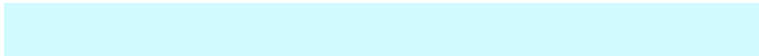
39.9997, 40.4374, 22.1047

Sweetspot

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



30.7678, 40.4389, 59.6107



78.5541, 89.1525, 107.6756



25.3037, 42.8050, 16.8049



16.3207, 18.7483, 23.0085



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.



30.7678, 40.4389, 59.6107



50.3704, 67.9595, 105.0704



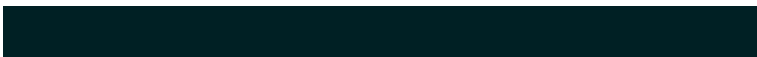
20.9566, 20.8167, 56.3403



10.8440, 11.8620, 13.6355



16.8112, 23.0164, 38.3009



0.8250, 1.1478, 1.8232

Inverse Universe

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



34.8428, 21.1018, 48.1371



58.5061, 31.8125, 81.6119



35.6714, 34.5122, 12.1799



11.0313, 10.7959, 13.1479



20.2849, 9.8635, 27.7737



0.9751, 0.4729, 1.3922

Previews

White Background



This preview shows how the XYZ color 30.7665, 40.4374, 59.6097 looks on a white background.

Color Contrast Check

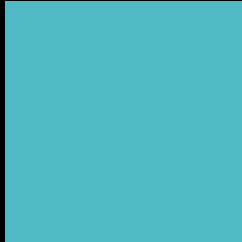
Large Text (above 18pt) WCAG AA × Fail

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 30.7665, 40.4374, 59.6097 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 30.7665, 40.4374, 59.6097

Background



This preview shows how black text looks on a background with the XYZ color 30.7665, 40.4374, 59.6097.



This preview shows how white text looks on a background with the XYZ color 30.7665, 40.4374,

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

30.7665, 40.4374, 59.6097

Protanopia

38.9086, 39.8086, 52.6468

Deuteranopia

40.8745, 40.0828, 61.4595



Tritanopia

31.0826, 40.5735, 60.8368

Trichromacy



Original Color

30.7665, 40.4374, 59.6097



Protanomaly

34.5317, 39.1846, 55.0336



Deuteranomaly

35.8027, 39.4226, 60.9806



Tritanomaly

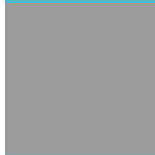
30.9660, 40.5269, 60.2232

Monochromacy



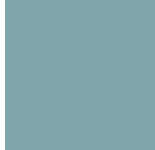
Original Color

30.7665, 40.4374, 59.6097



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

29.7393, 34.7247, 43.6632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7665, 40.4374, 59.6097 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(79, 185, 198)` looks like.

```
.text, #text, p{  
    color:rgb(79, 185, 198)  
}
```

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(79, 185, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 185, 198) }
```

Border

The CSS property to change the border of an element to XYZ 30.7665, 40.4374, 59.6097 is called "border". The border property can be set on classes, ids or directly on the HTML element.

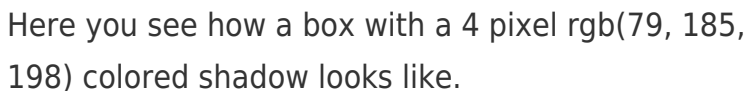
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(79, 185, 198) }
```


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

```
.border{ border-color:rgb(79, 185, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(79, 185, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(79, 185, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(79, 185, 198); box-shadow:4px 4px 4px 4px rgb(79, 185, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7665, 40.4374, 59.6097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 185, 198) }
```

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

```
.background{ background-color: rgb(79, 185,  
198) }
```

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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