

Converting Colors

XYZ(29.0282, 38.3879, 40.2924)

Have a look what the booklet for
XYZ(29.0282, 38.3879, 40.2924)
contains.

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Color

**XYZ(29.0272, 38.4393,
40.0721)**

Conversions

Conversions Part 1

Format	Color
Hex	6CB4A2
RGB	108, 180, 162
RGB Percent	42%, 71%, 64%
CMY	0.5765, 0.2941, 0.3647
CMYK	0.40, 0.00, 0.10, 0.29
HSL	165°, 32%, 56%
HSV	165°, 40%, 71%
XYZ	29.0272, 38.4393, 40.0721
YIQ	156.4200, -37.1340, -20.8620

Conversions

Conversions Part 2

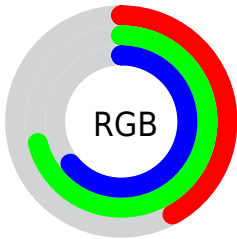
Format	Color
RYB	108, 149, 180
Decimal	7124130
CIELab	68.34, -26.84, 2.09
CIELCh	68, 26.917, 175.539
Yxy	38.4393, 0.2699, 0.3574
Android (android.graphics.Color)	4285314210 (0xFF6CB4A2)
YUV	156.4200, 2.7509, -42.4643
Hunter-Lab	61.9994, -24.9280, 5.0787

Details

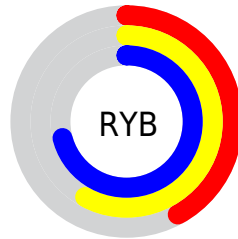
The XYZ color **29.0272, 38.4393, 40.0721** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **27.9522, 21.9358, 22.5009**, and the grayscale version is **31.7885, 33.4439, 36.4204**.

A 20% lighter version of the original color is **57.4201, 72.6820, 76.6483**, and **11.9252, 17.0888, 17.4218** is the 20% darker color. If you saturate the color by 10%, you get **26.6673, 37.2691, 37.9112**, and if you desaturate by 10%, it is **31.8556, 39.8513, 42.3314**.

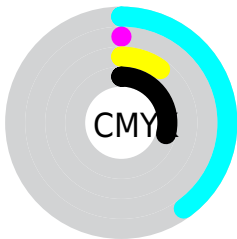
Distribution



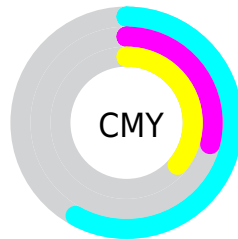
- Red (42%)
- Green (71%)
- Blue (64%)



- Red (42%)
- Yellow (58%)
- Blue (71%)



- Cyan (40%)
- Magenta (0%)
- Yellow (10%)
- Black (29%)



- Cyan (58%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0272, 38.4393, 40.0721 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 29.0272, 38.4393, 40.0721 by changing the saturation by 10% instead.

■ 29.0272, 38.4393,
40.0721

■ 29.0272, 38.4393,
40.0721

289.3352,
339.5007, 361.9885

■ 19.2458, 26.3238,
27.2805

■ 57.5176, 72.7810,
76.5116

■ 11.9531, 17.0660,
17.5497

■ 76.9572, 95.7760,
100.9966

■ 6.7837, 10.2816,
10.4611

■ 100.3470,
123.1662, 130.2165

■ 3.3723, 5.5861,
5.5962

■ 128.0522,
155.3362, 164.5899

■ 1.3536, 2.5951,
2.5363

160.4383,
192.6702, 204.5352

■ 0.2228, 0.9242,
0.8593

197.8706,

■ 0.0000, 0.0000,

235.5527, 250.4711

0.0000

240.7144,
284.3681, 302.8160

■ 29.0272, 38.4393,
40.0721

■ 29.0272, 38.4393,
40.0721

■ 26.6673, 37.2691,
37.9112

■ 31.8556, 39.8513,
42.3314

■ 24.7444, 36.3216,
35.8438

■ 35.1750, 41.5138,
44.6884

■ 23.2283, 35.5822,
33.8687

■ 39.0103, 43.4405,
47.1457

■ 22.0835, 35.0325,
31.9834

■ 43.3838, 45.6430,
49.7053

■ 21.2682, 34.6512,
30.1851

■ 48.3164, 48.1320,
52.3687

■ 20.6950, 34.3931,
28.4689

■ 53.8279, 50.9178,
55.1377

■ 20.6950, 34.3931,
28.4689

■ 59.9373, 54.0099,
58.0138

■ 66.6623, 57.4177,
60.9986

■ 68.2826, 58.1921,
63.8250

Harmonies

Analogous

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



30.2444, 38.4393, 30.0321



29.0272, 38.4393, 40.0721



29.6913, 38.4393, 52.6949

Triad

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



29.0272, 38.4393, 40.0721



40.1470, 38.4393, 66.5220



41.3225, 38.4393, 25.4667

Complementary

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



29.0272, 38.4393, 40.0721



27.9522, 21.9358, 22.5009

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.



44.3578, 38.4393, 32.6121



29.0272, 38.4393, 40.0721



43.6434, 38.4393, 56.4305

Square

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



29.0272, 38.4393, 40.0721



35.9078, 38.4393, 69.5642



45.2381, 38.4393, 43.6877



37.1702, 38.4393, 22.6956

Rectangle

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



29.0272, 38.4393, 40.0721



31.1409, 38.4393, 60.7302



45.2381, 38.4393, 43.6877



42.5194, 38.4393, 27.3606

Sweetspot

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



29.0283, 38.4408, 40.0730



69.1149, 77.9510, 84.4832



27.8115, 38.2542, 20.1060



14.7411, 16.7489, 18.1361



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



29.0283, 38.4408, 40.0730



48.8136, 67.8028, 69.1911



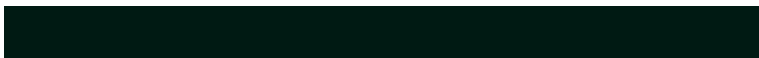
27.5565, 32.7503, 48.0508



8.6501, 9.5945, 10.4168



14.4712, 24.0144, 20.0158



0.4770, 0.7643, 0.7441

Inverse Universe

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



27.9522, 21.9358, 22.5009



46.6044, 33.7180, 32.9680



28.8387, 25.4038, 17.5715



8.5806, 8.5390, 9.2901



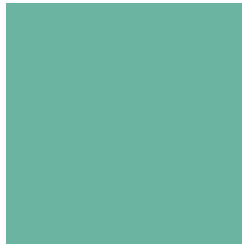
13.4908, 6.9139, 2.4787



0.4483, 0.2271, 0.2033

Previews

White Background



This preview shows how the XYZ color 29.0272, 38.4393, 40.0721 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 29.0272, 38.4393, 40.0721 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

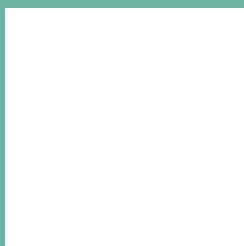
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.0272, 38.4393, 40.0721

Background



This preview shows how black text looks on a background with the XYZ color 29.0272, 38.4393, 40.0721.

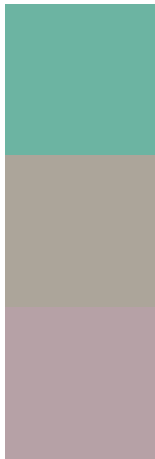


This preview shows how white text looks on a background with the XYZ color 29.0272, 38.4393,

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

29.0272, 38.4393, 40.0721

Protanopia

36.3011, 38.0140, 35.9960

Deuteranopia

38.9192, 38.1880, 41.3961



Tritanopia

31.8898, 38.4132, 54.4489

Trichromacy



Original Color

29.0272, 38.4393, 40.0721

Protanomaly

32.8550, 37.5733, 37.4190

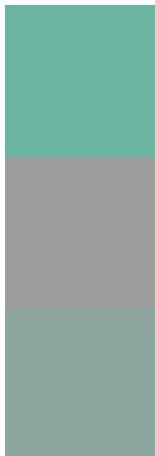
Deuteranomaly

34.3117, 37.6904, 41.0639

Tritanomaly

30.6425, 38.1843, 48.9353

Monochromacy



Original Color

29.0272, 38.4393, 40.0721

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.2741, 34.8679, 37.4823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0272, 38.4393, 40.0721 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(108, 180, 162)` looks like.

```
.text, #text, p{  
    color:rgb(108, 180, 162)  
}
```

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(108, 180, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 180, 162) }
```

Border

The CSS property to change the border of an element to XYZ 29.0272, 38.4393, 40.0721 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(108, 180, 162) }
```


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

```
.border{ border-color:rgb(108, 180, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 180, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 180, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 180, 162);  
box-shadow:4px 4px 4px 4px rgb(108, 180,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0272, 38.4393, 40.0721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 180, 162) }
```

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

```
.background{ background-color: rgb(108,  
180, 162) }
```

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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