

Converting Colors

XYZ(29.0121, 38.2673, 40.3383)

Have a look what the booklet for
XYZ(29.0121, 38.2673, 40.3383)
contains.

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Color

**XYZ(28.9153, 38.0727,
40.4751)**

Conversions

Conversions Part 1

Format	Color
Hex	6CB3A3
RGB	108, 179, 163
RGB Percent	42%, 70%, 64%
CMY	0.5765, 0.2980, 0.3608
CMYK	0.40, 0.00, 0.09, 0.30
HSL	166°, 32%, 56%
HSV	166°, 40%, 70%
XYZ	28.9153, 38.0727, 40.4751
YIQ	155.9470, -37.1800, -20.0280

Conversions

Conversions Part 2

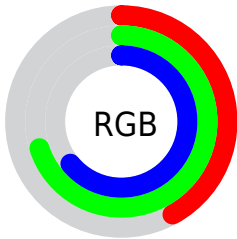
Format	Color
RYB	108, 148, 179
Decimal	7123875
CIELab	68.07, -26.11, 1.15
CIELCh	68, 26.135, 177.476
Yxy	38.0727, 0.2691, 0.3543
Android (android.graphics.Color)	4285313955 (0xFF6CB3A3)
YUV	155.9470, 3.4771, -42.0495
Hunter-Lab	61.7031, -24.3317, 4.3000

Details

The XYZ color **28.9153, 38.0727, 40.4751** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **27.5924, 21.7651, 21.8170**, and the grayscale version is **31.5740, 33.2183, 36.1748**.

A 20% lighter version of the original color is **57.2635, 72.1600, 77.2398**, and **11.9056, 16.8816, 17.6699** is the 20% darker color. If you saturate the color by 10%, you get **26.6023, 36.9224, 38.5105**, and if you desaturate by 10%, it is **31.6890, 39.4611, 42.5231**.

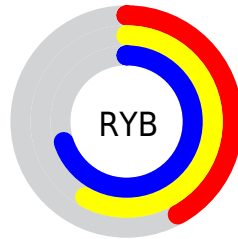
Distribution



Red (42%)

Green (70%)

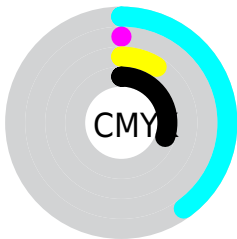
Blue (64%)



Red (42%)

Yellow (58%)

Blue (70%)

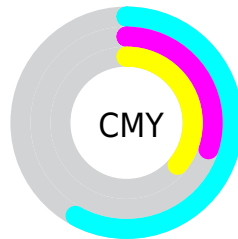


Cyan (40%)

Magenta (0%)

Yellow (9%)

Black (30%)



Cyan (58%)

Magenta (30%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9153, 38.0727, 40.4751 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 28.9153, 38.0727, 40.4751 by changing the saturation by 10% instead.

■ 28.9153, 38.0727,
40.4751

■ 28.9153, 38.0727,
40.4751

288.8165,
337.9317, 363.7335

■ 19.1607, 26.0391,
27.5926

■ 57.3410, 72.2196,
77.1314

■ 11.8912, 16.8529,
17.7824

■ 76.7428, 95.1016,
101.7423

■ 6.7413, 10.1297,
10.6260

■ 100.0910,
122.3686, 131.0997

■ 3.3457, 5.4850,
5.7050

■ 127.7511,
154.4050, 165.6221

■ 1.3391, 2.5346,
2.6007

160.0883,
191.5951, 205.7282

■ 0.2122, 0.8939,
0.8928

197.4681,

■ 0.0000, 0.0000,

234.3233, 251.8364

0.0000

240.2557,
282.9741, 304.3653

■ 28.9153, 38.0727,
40.4751

■ 28.9153, 38.0727,
40.4751

■ 26.6023, 36.9224,
38.5105

■ 31.6890, 39.4611,
42.5231

■ 24.7191, 35.9913,
36.6249

■ 34.9454, 41.0961,
44.6536

■ 23.2360, 35.2652,
34.8171

■ 38.7090, 42.9911,
46.8691

■ 22.1182, 34.7262,
33.0849

■ 43.0017, 45.1576,
49.1712

■ 21.3247, 34.3530,
31.4259

■ 47.8442, 47.6061,
51.5614

■ 20.7735, 34.1035,
29.8355

■ 53.2559, 50.3467,
54.0411

■ 20.7562, 34.0957,
29.7832

■ 59.2552, 53.3887,
56.6117

■ 65.8599, 56.7415,
59.2745

■ 67.7056, 57.6395,
61.7790

Harmonies

Analogous

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



29.9789, 38.0727, 30.5301



28.9153, 38.0727, 40.4751



29.6758, 38.0727, 52.6843

Triad

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



28.9153, 38.0727, 40.4751



39.9207, 38.0727, 64.6997



40.5617, 38.0727, 25.2773

Complementary

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



28.9153, 38.0727, 40.4751



27.5924, 21.7651, 21.8170

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.



43.5870, 38.0727, 31.9462



28.9153, 38.0727, 40.4751



43.1979, 38.0727, 54.7165

Square

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



28.9153, 38.0727, 40.4751



35.8433, 38.0727, 68.1325



44.5857, 38.0727, 42.4500



36.5328, 38.0727, 22.8466

Rectangle

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



28.9153, 38.0727, 40.4751



31.1489, 38.0727, 60.2730



44.5857, 38.0727, 42.4500



41.7409, 38.0727, 27.0281

Sweetspot

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



28.9164, 38.0742, 40.4760



67.5250, 76.0862, 82.9163



27.2224, 37.6519, 20.0208



14.7640, 16.7581, 18.2566



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.



28.9164, 38.0742, 40.4760



47.9651, 66.2846, 69.2634



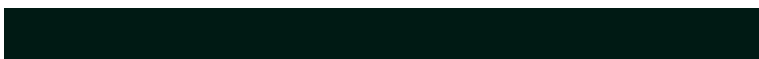
26.9046, 31.6089, 47.3327



8.6591, 9.5981, 10.4642



14.6921, 24.1028, 21.1791



0.4825, 0.7665, 0.7729

Inverse Universe

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



27.5924, 21.7651, 21.8170



45.2622, 32.8260, 31.0507



28.8792, 25.8291, 17.6514



8.5722, 8.5356, 9.2457



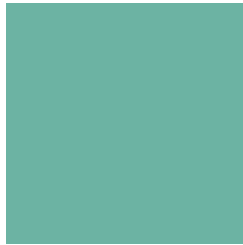
13.4326, 6.8906, 2.1722



0.4448, 0.2257, 0.1851

Previews

White Background



This preview shows how the XYZ color 28.9153, 38.0727, 40.4751 looks on a white background.

Color Contrast Check

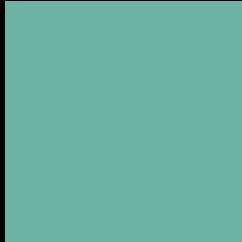
Large Text (above 18pt) WCAG AA × Fail

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 28.9153, 38.0727, 40.4751 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

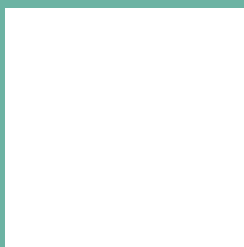
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.9153, 38.0727, 40.4751

Background



This preview shows how black text looks on a background with the XYZ color 28.9153, 38.0727, 40.4751.

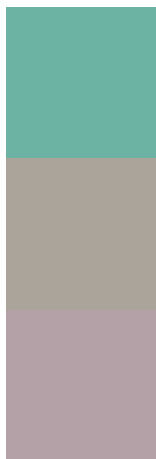


This preview shows how white text looks on a background with the XYZ color 28.9153, 38.0727,

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

28.9153, 38.0727, 40.4751

Protanopia

35.7694, 37.4635, 36.3563

Deuteranopia

38.3682, 37.6349, 41.8013



Tritanopia

31.5855, 37.9789, 53.8100

Trichromacy



Original Color

28.9153, 38.0727, 40.4751

Protanomaly

32.3921, 37.0476, 37.7914

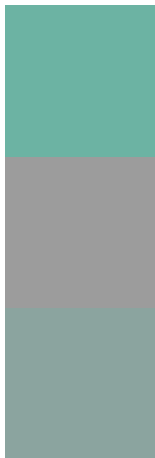
Deuteranomaly

34.0281, 37.2606, 41.4749

Tritanomaly

30.4456, 37.7907, 48.8697

Monochromacy



Original Color

28.9153, 38.0727, 40.4751

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.1809, 34.5431, 37.8777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9153, 38.0727, 40.4751 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, 179, 163)` looks like.

```
.text, #text, p{  
    color:rgb(108, 179, 163)  
}
```

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, 179, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 179, 163) }
```

Border

The CSS property to change the border of an element to XYZ 28.9153, 38.0727, 40.4751 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, 179, 163) }
```


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

```
.border{ border-color:rgb(108, 179, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 179, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 179, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 179, 163);  
box-shadow:4px 4px 4px 4px rgb(108, 179,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9153, 38.0727, 40.4751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 179, 163) }
```

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

```
.background{ background-color: rgb(108,  
179, 163) }
```

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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