

Converting Colors

XYZ(38.6754, 48.2781, 60.0240)

Have a look what the booklet for
XYZ(38.6754, 48.2781, 60.0240)
contains.

XYZ(38.7967, 48.4757, 60.1353)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.7967, 48.4757,
60.1353)**

Conversions

Conversions Part 1

Format	Color
Hex	7FC5C5
RGB	127, 197, 197
RGB Percent	50%, 77%, 77%
CMY	0.5019, 0.2274, 0.2274
CMYK	0.36, 0.00, 0.00, 0.23
HSL	180°, 38%, 64%
HSV	180°, 36%, 77%
XYZ	38.7967, 48.4757, 60.1353
YIQ	176.0700, -41.7200, -14.8400

Conversions

Conversions Part 2

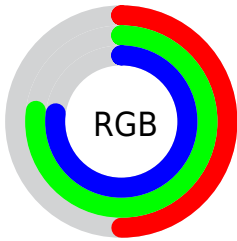
Format	Color
R _Y B	127, 162, 197
Decimal	8373701
CIE Lab	75.12, -21.88, -6.98
CIE LCh	75, 22.964, 197.699
Yxy	48.4757, 0.2632, 0.3289
Android (android.graphics.Color)	4286563781 (0xFF7FC5C5)
YUV	176.0700, 10.3185, -43.0344
Hunter-Lab	69.6245, -22.3777, -2.4722

Details

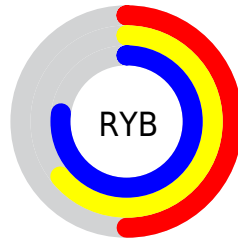
The XYZ color **38.7967, 48.4757, 60.1353** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.4478, 28.5828, 23.7819**, and the grayscale version is **41.2680, 43.4171, 47.2812**.

A 20% lighter version of the original color is **72.8596, 88.1067, 106.9321**, and **17.5280, 23.0446, 29.5108** is the 20% darker color. If you saturate the color by 10%, you get **36.1451, 47.1099, 60.0119**, and if you desaturate by 10%, it is **42.0248, 50.1410, 60.2878**.

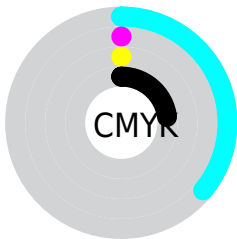
Distribution



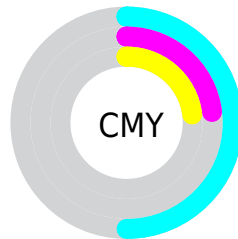
- Red (50%)
- Green (77%)
- Blue (77%)



- Red (50%)
- Yellow (64%)
- Blue (77%)



- Cyan (36%)
- Magenta (0%)
- Yellow (0%)
- Black (23%)



- Cyan (50%)
- Magenta (23%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.7967, 48.4757, 60.1353 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 38.7967, 48.4757, 60.1353 by changing the saturation by 10% instead.

■ 38.7967, 48.4757,
60.1353

■ 38.7967, 48.4757,
60.1353

332.2474,
380.6746, 442.9148

■ 26.7816, 34.2038,
43.1017

■ 72.6237, 87.9123,
106.5712

■ 17.5450, 23.0502,
29.6329

■ 95.1663, 113.8457,
136.8106

■ 10.7215, 14.6306,
19.3104

■ 121.9489,
144.4350, 172.2890

■ 5.9458, 8.5605,
11.7157

153.3367,
180.0647, 213.4249

■ 2.8525, 4.4557,
6.4302

189.6951,
221.1191, 260.6369

■ 1.0763, 1.9316,
3.0354

231.3894,

■ 0.0051, 0.5673,

267.9826, 314.3435

1.1128

278.7851,
321.0396, 374.9633

■ 0.0000, 0.0000,
0.0000

■ 38.7967, 48.4757,
60.1353

■ 38.7967, 48.4757,
60.1353

■ 36.1451, 47.1099,
60.0119

■ 42.0248, 50.1410,
60.2878

■ 34.0321, 46.0207,
59.9127

■ 45.8561, 52.1161,
60.4674

■ 32.4221, 45.1907,
59.8370

■ 50.3205, 54.4176,
60.6767

■ 31.2735, 44.5985,
59.7829

■ 55.4449, 57.0593,
60.9168

■ 30.5376, 44.2192,
59.7482

■ 61.2546, 60.0543,
61.1890

■ 30.1550, 44.0220,
59.7299

■ 67.7735, 63.4149,
61.4945

■ 30.0448, 43.9652,
59.7246

■ 71.2857, 65.2255,
61.6592

■ 71.2858, 65.2255,
61.6595

■ 71.2858, 65.2256,
61.6598

Harmonies

Analogous

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



38.6213, 48.4757, 48.0028



38.7967, 48.4757, 60.1353



40.8469, 48.4757, 71.8170

Triad

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



38.7967, 48.4757, 60.1353



52.3140, 48.4757, 69.9412



47.8180, 48.4757, 33.2444

Complementary

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



38.7967, 48.4757, 60.1353



34.4478, 28.5828, 23.7819

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.



51.7305, 48.4757, 37.4477



38.7967, 48.4757, 60.1353



54.4301, 48.4757, 57.8679

Square

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



38.7967, 48.4757, 60.1353



48.5755, 48.4757, 78.0435



54.2103, 48.4757, 46.0536



43.6613, 48.4757, 33.6606

Rectangle

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



38.7967, 48.4757, 60.1353



43.0756, 48.4757, 77.2213



54.2103, 48.4757, 46.0536



49.2099, 48.4757, 34.1338

Sweetspot

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



38.7981, 48.4776, 60.1364



85.4727, 95.0627, 108.4511



32.7257, 46.0688, 27.2472



18.0636, 20.2282, 23.2022



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.



38.7981, 48.4776, 60.1364



65.5483, 84.7914, 107.5167



31.9587, 34.7985, 57.8577



10.9467, 12.0676, 13.6697



19.7611, 28.9168, 39.2822



0.9357, 1.3692, 1.8600

Inverse Universe

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



34.4478, 28.5828, 23.7819



56.5571, 43.6732, 32.3799



39.5742, 38.8359, 25.4901



10.6339, 10.6370, 11.0555



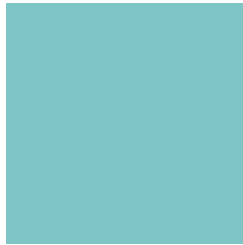
15.1453, 7.8077, 0.7089



0.7171, 0.3697, 0.0336

Previews

White Background



This preview shows how the XYZ color 38.7967, 48.4757, 60.1353 looks on a white background.

Color Contrast Check

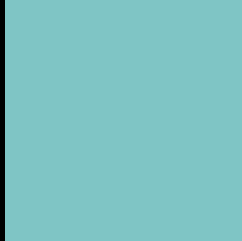
Large Text (above 18pt) WCAG AA × Fail

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 38.7967, 48.4757, 60.1353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

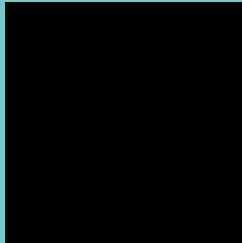
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.7967, 48.4757, 60.1353

Background



This preview shows how black text looks on a background with the XYZ color 38.7967, 48.4757, 60.1353.

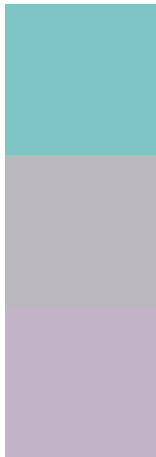


This preview shows how white text looks on a background with the XYZ color 38.7967, 48.4757,

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

38.7967, 48.4757, 60.1353

Protanopia

46.3685, 47.9802, 54.9613

Deuteranopia

48.9108, 47.9266, 61.9312



Tritanopia

40.4789, 48.4792, 68.8520

Trichromacy



Original Color

38.7967, 48.4757, 60.1353

Protanomaly

43.0147, 47.7715, 56.8229

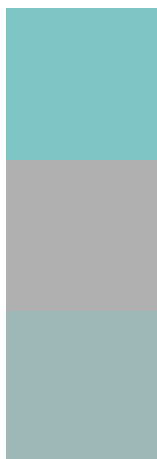
Deuteranomaly

44.5618, 47.8340, 61.5278

Tritanomaly

39.9338, 48.6032, 65.6691

Monochromacy



Original Color

38.7967, 48.4757, 60.1353

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

39.8928, 45.0108, 51.9328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7967, 48.4757, 60.1353 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(127, 197, 197)` looks like.

```
.text, #text, p{  
    color:rgb(127, 197, 197)  
}
```

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(127, 197, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 197, 197) }
```

Border

The CSS property to change the border of an element to XYZ 38.7967, 48.4757, 60.1353 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(127, 197, 197) }
```


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

```
.border{ border-color:rgb(127, 197, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 197, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 197, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 197, 197);  
box-shadow:4px 4px 4px 4px rgb(127, 197,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7967, 48.4757, 60.1353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 197, 197) }
```

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

```
.background{ background-color: rgb(127,  
197, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor