

Converting Colors

XYZ(47.4767, 60.3349, 70.7715)

Have a look what the booklet for
XYZ(47.4767, 60.3349, 70.7715)
contains.

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Color

**XYZ(47.4767, 60.3349,
70.7715)**

Conversions

Conversions Part 1

Format	Color
Hex	8BDAD3
RGB	139, 218, 211
RGB Percent	55%, 85%, 83%
CMY	0.4549, 0.1451, 0.1725
CMYK	0.36, 0.00, 0.03, 0.15
HSL	175°, 52%, 70%
HSV	175°, 36%, 85%
XYZ	47.4767, 60.3349, 70.7715
YIQ	193.5810, -44.8370, -18.9250

Conversions

Conversions Part 2

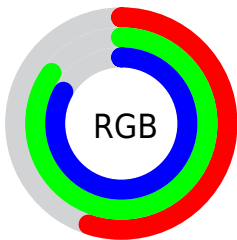
Format	Color
RYB	139, 180, 218
Decimal	9165523
CIELab	82.02, -25.78, -4.25
CIELCh	82, 26.127, 189.353
Yxy	60.3349, 0.2659, 0.3379
Android (android.graphics.Color)	4287355603 (0xFF8BDAD3)
YUV	193.5810, 8.5876, -47.8675
Hunter-Lab	77.6755, -26.8298, 0.3528

Details

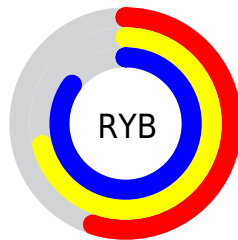
The XYZ color **47.4767, 60.3349, 70.7715** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **43.3364, 35.4476, 31.7544**, and the grayscale version is **51.0019, 53.6580, 58.4336**.

A 20% lighter version of the original color is **76.3157, 90.3421, 108.0232**, and **22.8392, 30.5135, 36.5842** is the 20% darker color. If you saturate the color by 10%, you get **43.9530, 58.5477, 69.3508**, and if you desaturate by 10%, it is **51.7326, 62.5022, 72.2443**.

Distribution



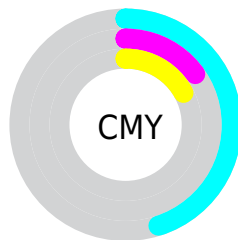
- Red (55%)
- Green (85%)
- Blue (83%)



- Red (55%)
- Yellow (71%)
- Blue (85%)



- Cyan (36%)
- Magenta (0%)
- Yellow (3%)
- Black (15%)



- Cyan (45%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4767, 60.3349, 70.7715 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 47.4767, 60.3349, 70.7715 by changing the saturation by 10% instead.


 47.4767, 60.3349,
70.7715

 47.4767, 60.3349,
70.7715


367.3313,
425.8311, 482.1164

 33.6222, 43.6886,
51.6751


 85.6392, 105.3153,
121.9997

 22.7650, 30.4258,
36.3657


 110.6778,
134.4183, 154.9686

 14.5398, 20.1620,
24.4248

140.1753,
168.4422, 193.3987

 8.5813, 12.5129,
15.4339

174.4968,
207.7716, 237.7085

 4.5240, 7.0940,
8.9745

214.0079,
252.7908, 288.3167

 2.0026, 3.5209,
4.6280

259.0737,

 0.6354, 1.4094,

303.8842, 345.6417

1.9758

310.0597,
361.4361, 410.1021

■ 0.0000, 0.2236,
0.5403

■ 0.0000, 0.0000,
0.0000

■ 47.4767, 60.3349,
70.7715

■ 47.4767, 60.3349,
70.7715

■ 43.9530, 58.5477,
69.3508

■ 51.7326, 62.5022,
72.2443

■ 41.1129, 57.1110,
67.9759

■ 56.7553, 65.0630,
73.7669

■ 38.9101, 56.0026,
66.6459

■ 62.5834, 68.0387,
75.3426

■ 37.2904, 55.1944,
65.3583

■ 69.2514, 71.4470,
76.9729

■ 36.1905, 54.6539,
64.1100

■ 76.7919, 75.3047,
78.6595

■ 35.5313, 54.3402,
62.8973

■ 79.5772, 76.7108,
80.1389

■ 35.3442, 54.2536,
62.4478

■ 79.8387, 76.8154,
81.5158

■ 80.1031, 76.9211,
82.9084

■ 80.3706, 77.0281,
84.3167

Harmonies

Analogous

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



47.9561, 60.3349, 55.5259



47.4767, 60.3349, 70.7715



49.5072, 60.3349, 86.9702

Triad

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



47.4767, 60.3349, 70.7715



64.3605, 60.3349, 92.1830



61.1802, 60.3349, 41.1087

Complementary

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



47.4767, 60.3349, 70.7715



43.3364, 35.4476, 31.7544

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.



65.9726, 60.3349, 48.2065



47.4767, 60.3349, 70.7715



67.8891, 60.3349, 77.0343

Square

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



47.4767, 60.3349, 70.7715



59.0929, 60.3349, 100.5770



68.4973, 60.3349, 60.8662



55.6349, 60.3349, 39.9837

Rectangle

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



47.4767, 60.3349, 70.7715



52.0926, 60.3349, 95.5482



68.4973, 60.3349, 60.8662



62.9423, 60.3349, 42.8135

Sweetspot

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



47.4785, 60.3373, 70.7729



85.0750, 94.9037, 106.3572



41.7481, 58.2031, 33.4612



17.9681, 20.1900, 22.6991



0.0000, 0.0000, 0.0000



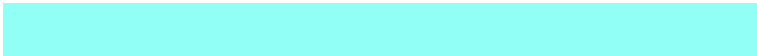
20.3446, 21.4041, 23.3091

Same Dimension

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



47.4785, 60.3373, 70.7729



64.0232, 84.1813, 99.4855



40.9474, 45.8395, 73.0221



13.3925, 14.8086, 16.5298



21.1946, 32.5104, 37.5195



1.3880, 2.1122, 2.5092

Inverse Universe

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



43.3364, 35.4476, 31.7544



57.3412, 43.9868, 36.5089



48.0631, 45.7464, 30.7240



13.1027, 13.0702, 13.8019



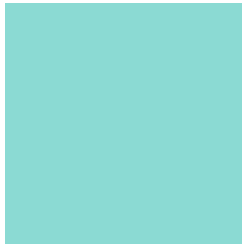
17.4111, 8.9655, 1.2787



1.1445, 0.5874, 0.1699

Previews

White Background



This preview shows how the XYZ color 47.4767, 60.3349, 70.7715 looks on a white background.

Color Contrast Check

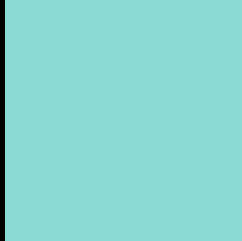
Large Text (above 18pt) WCAG AA × Fail

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 47.4767, 60.3349, 70.7715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

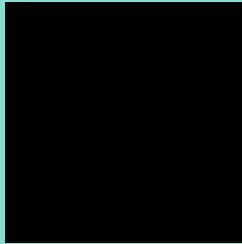
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

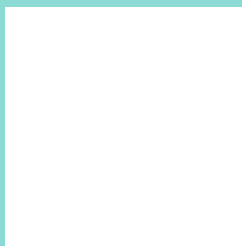
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.4767, 60.3349, 70.7715

Background



This preview shows how black text looks on a background with the XYZ color 47.4767, 60.3349, 70.7715.



This preview shows how white text looks on a background with the XYZ color 47.4767, 60.3349,

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

47.4767, 60.3349, 70.7715

Protanopia

57.5133, 59.7707, 64.3827

Deuteranopia

60.8473, 59.5905, 72.5851



Tritanopia

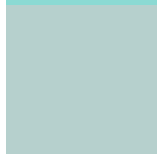
50.3675, 60.3564, 85.3392

Trichromacy



Original Color

47.4767, 60.3349, 70.7715



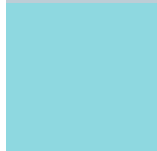
Protanomaly

52.8667, 59.4646, 66.4491



Deuteranomaly

54.9552, 59.3365, 72.1750



Tritanomaly

49.1657, 60.2443, 79.5580

Monochromacy



Original Color

47.4767, 60.3349, 70.7715



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

49.2368, 55.8807, 62.8346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4767, 60.3349, 70.7715 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(139, 218, 211)` looks like.

```
.text, #text, p{  
    color:rgb(139, 218, 211)  
}
```

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(139, 218, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 218, 211) }
```

Border

The CSS property to change the border of an element to XYZ 47.4767, 60.3349, 70.7715 is called "border". The border property can be set on classes, ids or directly on the HTML element.

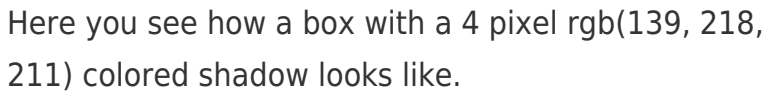
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 218, 211) }
```


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

```
.border{ border-color:rgb(139, 218, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 218, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 218, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 218, 211); box-shadow:4px 4px 4px 4px rgb(139, 218, 211) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4767, 60.3349, 70.7715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 218, 211) }
```

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

```
.background{ background-color: rgb(139,  
218, 211) }
```

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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