

Converting Colors

XYZ(41.4015, 47.8229, 60.4747)

Have a look what the booklet for
XYZ(41.4015, 47.8229, 60.4747)
contains.

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Color

**XYZ(41.4015, 47.8229,
60.4747)**

Conversions

Conversions Part 1

Format	Color
Hex	96BFC6
RGB	150, 191, 198
RGB Percent	59%, 75%, 78%
CMY	0.4118, 0.2510, 0.2235
CMYK	0.24, 0.04, 0.00, 0.22
HSL	189°, 30%, 68%
HSV	189°, 24%, 78%
XYZ	41.4015, 47.8229, 60.4747
YIQ	179.5390, -26.6830, -6.5150

Conversions

Conversions Part 2

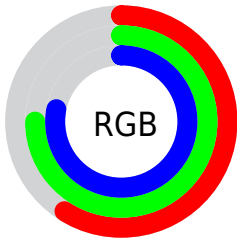
Format	Color
RYB	150, 172, 198
Decimal	9879494
CIELab	74.71, -11.98, -8.00
CIELCh	75, 14.408, 213.718
Yxy	47.8229, 0.2766, 0.3195
Android (android.graphics.Color)	4288069574 (0xFF96BFC6)
YUV	179.5390, 9.1013, -25.9057
Hunter-Lab	69.1541, -14.1545, -3.4407

Details

The XYZ color **41.4015, 47.8229, 60.4747** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.8511, 38.3217, 34.0988**, and the grayscale version is **43.0997, 45.3442, 49.3798**.

A 20% lighter version of the original color is **76.4876, 86.7207, 107.3152**, and **19.1595, 22.7872, 29.7741** is the 20% darker color. If you saturate the color by 10%, you get **37.4385, 44.8558, 60.1116**, and if you desaturate by 10%, it is **45.9954, 51.1361, 60.8729**.

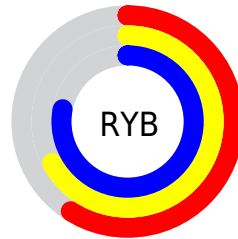
Distribution



Red (59%)

Green (75%)

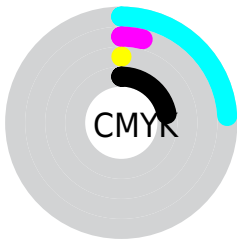
Blue (78%)



Red (59%)

Yellow (67%)

Blue (78%)

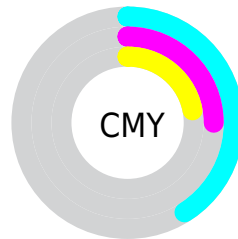


Cyan (24%)

Magenta (4%)

Yellow (0%)

Black (22%)



Cyan (41%)

Magenta (25%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4015, 47.8229, 60.4747 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 41.4015, 47.8229, 60.4747 by changing the saturation by 10% instead.

■ 41.4015, 47.8229,
60.4747

■ 41.4015, 47.8229,
60.4747

343.0299,
378.0897, 444.1984

■ 28.8220, 33.6867,
43.3736

■ 76.5639, 86.9407,
107.0681

■ 19.0898, 22.6530,
29.8448

■ 99.8775, 112.6910,
137.3974

■ 11.8396, 14.3375,
19.4697

127.4998,
143.0814, 172.9732

■ 6.7060, 8.3558,
11.8300

159.7962,
178.4964, 214.2141

■ 3.3236, 4.3234,
6.5069

197.1320,
219.3204, 261.5385

■ 1.3271, 1.8561,
3.0819

239.8727,

■ 0.2034, 0.5218,

265.9376, 315.3650

1.1366

288.3835,
318.7326, 376.1121

■ 0.0000, 0.0000,
0.0000

■ 41.4015, 47.8229,
60.4747

■ 41.4015, 47.8229,
60.4747

■ 37.4385, 44.8558,
60.1116

■ 45.9954, 51.1361,
60.8729

■ 34.0711, 42.2128,
59.7790

■ 51.2448, 54.8045,
61.3043

■ 31.2670, 39.8785,
59.4762

■ 57.1781, 58.8441,
61.7713

■ 28.9893, 37.8336,
59.2015

■ 63.8207, 63.2681,
62.2751

■ 27.1962, 36.0565,
58.9530

■ 71.1969, 68.0891,
62.8169

■ 25.8397, 34.5224,
58.7284

■ 74.0678, 70.6065,
63.1515

■ 24.8615, 33.2011,
58.5249

■ 74.7794, 72.0298,
63.3887

■ 24.4066, 32.5041,
58.4144

■ 75.5039, 73.4788,
63.6302

■ 76.2414, 74.9537,
63.8760

Harmonies

Analogous

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



40.6221, 47.8229, 53.0097



41.4015, 47.8229, 60.4747



43.2654, 47.8229, 66.0691

Triad

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



41.4015, 47.8229, 60.4747



50.1101, 47.8229, 58.7065



45.1292, 47.8229, 38.9904

Complementary

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



41.4015, 47.8229, 60.4747



40.8511, 38.3217, 34.0988

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.



47.7157, 47.8229, 40.2045



41.4015, 47.8229, 60.4747



50.6551, 47.8229, 51.1435

Square

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



41.4015, 47.8229, 60.4747



48.3009, 47.8229, 64.9815



49.7632, 47.8229, 44.4843



42.7216, 47.8229, 40.9949

Rectangle

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



41.4015, 47.8229, 60.4747



44.9066, 47.8229, 67.7250



49.7632, 47.8229, 44.4843



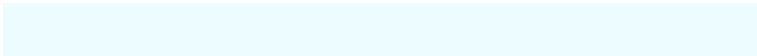
46.0063, 47.8229, 39.0367

Sweetspot

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



41.4029, 47.8248, 60.4758



87.9606, 95.1213, 108.3320



38.8073, 49.2869, 39.0992



18.7025, 20.2731, 23.1773



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.



41.4029, 47.8248, 60.4758



69.5346, 81.8834, 106.7480



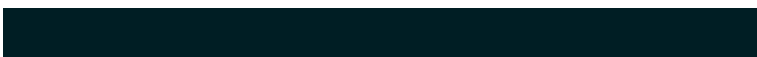
36.7005, 38.4199, 58.9083



10.8099, 11.7938, 13.6242



15.9207, 21.2354, 38.0041



0.7908, 1.0794, 1.8118

Inverse Universe

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



43.6001, 37.5811, 54.2484



74.1366, 60.8731, 93.6052



45.1967, 47.0129, 35.5473



11.0141, 10.7890, 13.0573



19.8354, 9.6837, 25.4067



0.9579, 0.4660, 1.3012

Previews

White Background



This preview shows how the XYZ color 41.4015, 47.8229, 60.4747 looks on a white background.

Color Contrast Check

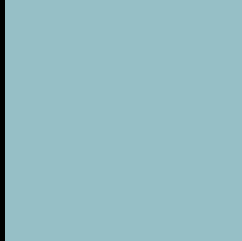
Large Text (above 18pt) WCAG AA × Fail

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 41.4015, 47.8229, 60.4747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

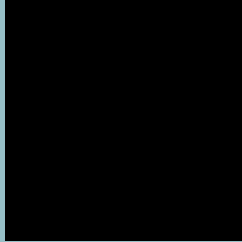
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4015, 47.8229, 60.4747

Background



This preview shows how black text looks on a background with the XYZ color 41.4015, 47.8229, 60.4747.



This preview shows how white text looks on a background with the XYZ color 41.4015, 47.8229,

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

41.4015, 47.8229, 60.4747

Protanopia

46.1208, 47.4965, 57.1890

Deuteranopia

48.4553, 47.3953, 61.8527



Tritanopia

42.1954, 47.8140, 64.7627

Trichromacy



Original Color

41.4015, 47.8229, 60.4747

Protanomaly

44.2125, 47.4087, 58.4503

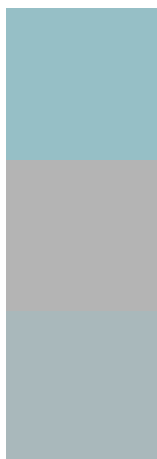
Deuteranomaly

45.4903, 47.3842, 61.3921

Tritanomaly

41.8366, 47.6705, 62.8734

Monochromacy



Original Color

41.4015, 47.8229, 60.4747

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.4723, 46.3039, 53.7127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4015, 47.8229, 60.4747 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(150, 191, 198)` looks like.

```
.text, #text, p{  
    color:rgb(150, 191, 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(150, 191, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 191, 198) }
```

Border

The CSS property to change the border of an element to XYZ 41.4015, 47.8229, 60.4747 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(150, 191, 198) }
```


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

```
.border{ border-color:rgb(150, 191, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 191, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 191, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 191, 198);  
box-shadow:4px 4px 4px 4px rgb(150, 191,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4015, 47.8229, 60.4747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 191, 198) }
```

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

```
.background{ background-color: rgb(150,  
191, 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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