

Converting Colors

XYZ(41.2072, 48.6695, 47.2667)

Have a look what the booklet for
XYZ(41.2072, 48.6695, 47.2667)
contains.

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Color

**XYZ(41.2072, 48.6695,
47.2667)**

Conversions

Conversions Part 1

Format	Color
Hex	A0C1AE
RGB	160, 193, 174
RGB Percent	63%, 76%, 68%
CMY	0.3725, 0.2431, 0.3176
CMYK	0.17, 0.00, 0.10, 0.24
HSL	145°, 21%, 69%
HSV	145°, 17%, 76%
XYZ	41.2072, 48.6695, 47.2667
YIQ	180.9670, -13.5690, -12.9050

Conversions

Conversions Part 2

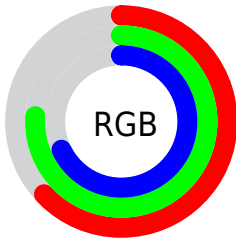
Format	Color
RYB	160, 183, 193
Decimal	10535342
CIELab	75.25, -14.87, 5.88
CIELCh	75, 15.994, 158.415
Yxy	48.6695, 0.3005, 0.3549
Android (android.graphics.Color)	4288725422 (0xFFA0C1AE)
YUV	180.9670, -3.4347, -18.3881
Hunter-Lab	69.7635, -16.6516, 8.6639

Details

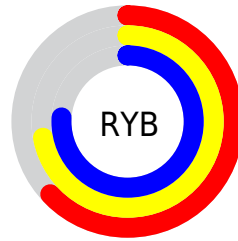
The XYZ color **41.2072, 48.6695, 47.2667** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.7016, 39.7351, 48.0692**, and the grayscale version is **43.9275, 46.2151, 50.3283**.

A 20% lighter version of the original color is **76.3528, 88.4754, 87.1820**, and **18.9298, 23.0585, 21.8654** is the 20% darker color. If you saturate the color by 10%, you get **36.6055, 46.4186, 41.6283**, and if you desaturate by 10%, it is **46.5003, 51.2691, 53.4075**.

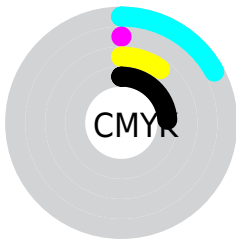
Distribution



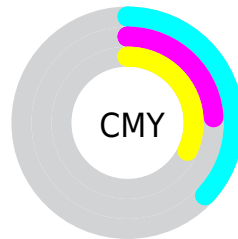
- Red (63%)
- Green (76%)
- Blue (68%)



- Red (63%)
- Yellow (72%)
- Blue (76%)



- Cyan (17%)
- Magenta (0%)
- Yellow (10%)
- Black (24%)





- Cyan (37%)
- Magenta (24%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2072, 48.6695, 47.2667 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 41.2072, 48.6695, 47.2667 by changing the saturation by 10% instead.


 41.2072, 48.6695,
47.2667


 41.2072, 48.6695,
47.2667


342.2337,
381.4398, 392.3026

 28.6694, 34.3574,
32.8907


 76.2711, 88.2004,
87.4657

 18.9739, 23.1683,
21.7723

 99.5278, 114.1879,
114.1258

 11.7553, 14.7178,
13.4930


127.0883,
144.8361, 145.7177

 6.6483, 8.6216,
7.6342


159.3178,
180.5293, 182.6599

 3.2875, 4.4952,
3.7774

196.5818,
221.6518, 225.3709

 1.3076, 1.9542,
1.5040

239.2455,

 0.1889, 0.5807,

268.5882, 274.2694

0.2209

287.6743,
321.7227, 329.7738

■ 0.0000, 0.0000,
0.0000

■ 41.2072, 48.6695,
47.2667

■ 41.2072, 48.6695,
47.2667

■ 36.6055, 46.4186,
41.6283

■ 46.5003, 51.2691,
53.4075

■ 32.6614, 44.4953,
36.4764

■ 52.5085, 54.2255,
60.0596

■ 29.3444, 42.8854,
31.7988

■ 59.2595, 57.5539,
67.2359

■ 26.6196, 41.5713,
27.5818

■ 66.7783, 61.2670,
74.9476

■ 24.4488, 40.5334,
23.8108

■ 74.5330, 65.0906,
83.1799

■ 22.7890, 39.7500,
20.4706

■ 76.1403, 65.7335,
91.6436

■ 21.5903, 39.1955,
17.5446

■ 77.8488, 66.4169,
100.6404

■ 20.7845, 38.8353,
15.0150

■ 78.3609, 66.6217,
103.3370

■ 20.5890, 38.7490,
14.3515

Harmonies

Analogous

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



42.8402, 48.6695, 41.3112



41.2072, 48.6695, 47.2667



40.8978, 48.6695, 55.3935

Triad

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



41.2072, 48.6695, 47.2667



47.0897, 48.6695, 70.6428



50.8230, 48.6695, 43.5713

Complementary

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



41.2072, 48.6695, 47.2667



42.7016, 39.7351, 48.0692

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.



52.0691, 48.6695, 50.6626



41.2072, 48.6695, 47.2667



49.8548, 48.6695, 66.6919

Square

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



41.2072, 48.6695, 47.2667



44.2137, 48.6695, 69.4871



51.7075, 48.6695, 59.1637



48.3662, 48.6695, 39.3400

Rectangle

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



41.2072, 48.6695, 47.2667



41.4708, 48.6695, 61.0618



51.7075, 48.6695, 59.1637



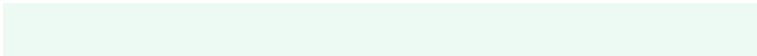
51.4020, 48.6695, 45.6680

Sweetspot

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



41.2085, 48.6715, 47.2678



85.3482, 92.8367, 97.9819



44.0652, 50.2938, 40.6437



18.1532, 19.8394, 20.8441



92.9021, 97.7402, 106.4391



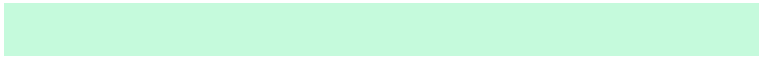
19.4759, 20.4902, 22.3138

Same Dimension

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



41.2085, 48.6715, 47.2678



70.1672, 85.3868, 80.2732



42.8905, 49.3443, 56.1246



10.1178, 11.3282, 11.6235



13.7317, 25.7867, 9.7462



0.6277, 1.1279, 0.6023

Inverse Universe

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



42.7016, 39.7351, 48.0692



73.4039, 66.0109, 82.0083



41.1531, 39.1157, 39.9150



10.3108, 10.1729, 11.7272



16.5813, 8.3223, 10.9730



0.7503, 0.3731, 0.6525

Previews

White Background



This preview shows how the XYZ color 41.2072, 48.6695, 47.2667 looks on a white background.

Color Contrast Check

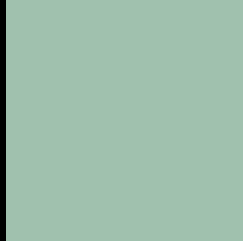
Large Text (above 18pt) WCAG AA × Fail

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 41.2072, 48.6695, 47.2667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

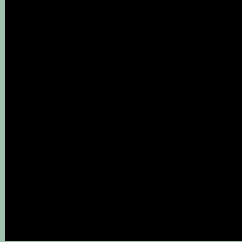
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2072, 48.6695, 47.2667

Background



This preview shows how black text looks on a background with the XYZ color 41.2072, 48.6695, 47.2667.



This preview shows how white text looks on a background with the XYZ color 41.2072, 48.6695,

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

41.2072, 48.6695, 47.2667

Protanopia

46.0401, 48.3520, 44.4424

Deuteranopia

49.5095, 48.5363, 48.3540



Tritanopia

44.6137, 48.7542, 64.1858

Trichromacy



Original Color

41.2072, 48.6695, 47.2667

Protanomaly

43.9434, 48.1842, 45.5125

Deuteranomaly

45.9632, 48.2344, 47.9619

Tritanomaly

43.1434, 48.4637, 57.5326

Monochromacy



Original Color

41.2072, 48.6695, 47.2667

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.6184, 46.7965, 48.9059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2072, 48.6695, 47.2667 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(160, 193, 174)` looks like.

```
.text, #text, p{  
    color:rgb(160, 193, 174)  
}
```

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(160, 193, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 193, 174) }
```

Border

The CSS property to change the border of an element to XYZ 41.2072, 48.6695, 47.2667 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(160, 193, 174) }
```


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

```
.border{ border-color:rgb(160, 193, 174) }
```

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

Here you see how a box with a 4 pixel rgb(160, 193, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 193, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 193, 174);  
box-shadow:4px 4px 4px 4px rgb(160, 193,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2072, 48.6695, 47.2667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 193, 174) }
```

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

```
.background{ background-color: rgb(160,  
193, 174) }
```

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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