

Converting Colors

XYZ(47.4128, 62.0677, 61.7059)

Have a look what the booklet for
XYZ(47.4128, 62.0677, 61.7059)
contains.

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Color

**XYZ(47.4128, 62.0677,
61.7059)**

Conversions

Conversions Part 1

Format	Color
Hex	8FDEC4
RGB	143, 222, 196
RGB Percent	56%, 87%, 77%
CMY	0.4392, 0.1294, 0.2314
CMYK	0.36, 0.00, 0.12, 0.13
HSL	160°, 54%, 72%
HSV	160°, 36%, 87%
XYZ	47.4128, 62.0677, 61.7059
YIQ	195.4150, -38.7380, -24.8340

Conversions

Conversions Part 2

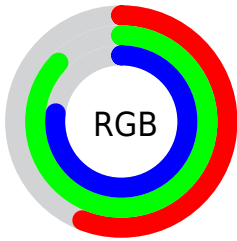
Format	Color
RYB	143, 190, 222
Decimal	9428676
CIELab	82.95, -29.96, 5.09
CIELCh	83, 30.394, 170.351
Yxy	62.0677, 0.2770, 0.3626
Android (android.graphics.Color)	4287618756 (0xFF8FDEC4)
YUV	195.4150, 0.2884, -45.9680
Hunter-Lab	78.7831, -30.4464, 8.7099

Details

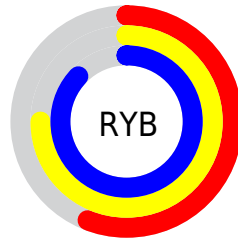
The XYZ color **47.4128, 62.0677, 61.7059** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **47.1103, 38.0408, 42.3983**, and the grayscale version is **52.1356, 54.8507, 59.7324**.

A 20% lighter version of the original color is **77.0428, 90.7540, 106.3852**, and **22.8210, 31.7143, 30.5099** is the 20% darker color. If you saturate the color by 10%, you get **43.1320, 59.9563, 57.2700**, and if you desaturate by 10%, it is **52.4980, 64.5924, 66.3936**.

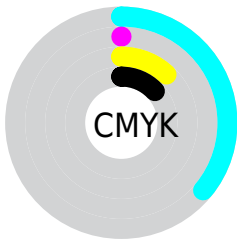
Distribution



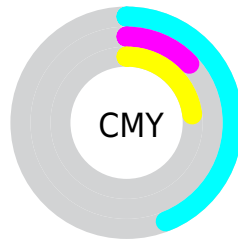
- Red (56%)
- Green (87%)
- Blue (77%)



- Red (56%)
- Yellow (75%)
- Blue (87%)



- Cyan (36%)
- Magenta (0%)
- Yellow (12%)
- Black (13%)



- Cyan (44%)
- Magenta (13%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4128, 62.0677, 61.7059 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 47.4128, 62.0677, 61.7059 by changing the saturation by 10% instead.


 47.4128, 62.0677,
61.7059


 47.4128, 62.0677,
61.7059


367.0813,
432.1780, 448.8355

 33.5714, 45.0874,
44.3608


 85.5445, 107.8234,
108.8678

 22.7259, 31.5263,
30.6150


 110.5655,
137.3675, 139.5218

 14.5108, 20.9999,
20.0499


140.0437,
171.8684, 175.4491

 8.5609, 13.1239,
12.2469

174.3446,
211.7105, 217.0684

 4.5107, 7.5140,
6.7875

213.8335,
257.2781, 264.7981

 1.9949, 3.7855,
3.2531

258.8756,

 0.6311, 1.5543,

308.9556, 319.0569

1.2253

309.8364,
367.1274, 380.2631

■ 0.0000, 0.3265,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.4128, 62.0677,
61.7059

■ 47.4128, 62.0677,
61.7059

■ 43.1320, 59.9563,
57.2700

■ 52.4980, 64.5924,
66.3936

■ 39.6049, 58.2272,
53.0765

■ 58.4245, 67.5444,
71.3338

■ 36.7827, 56.8569,
49.1215

■ 65.2329, 70.9462,
76.5325

■ 34.6086, 55.8162,
45.3992

■ 72.9596, 74.8166,
81.9943

■ 33.0166, 55.0713,
41.9033

■ 81.6391, 79.1732,
87.7234

■ 31.9256, 54.5802,
38.6267

■ 83.0673, 79.7867,
93.3387

■ 31.5419, 54.4126,
37.2464

■ 84.1742, 80.2294,
99.1671

■ 85.3252, 80.6899,
105.2284

■ 85.4124, 80.7247,
105.6875

Harmonies

Analogous

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



49.8056, 62.0677, 47.0541



47.4128, 62.0677, 61.7059



47.9410, 62.0677, 80.9371

Triad

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



47.4128, 62.0677, 61.7059



63.4892, 62.0677, 107.4187



67.4126, 62.0677, 43.4103

Complementary

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



47.4128, 62.0677, 61.7059



47.1103, 38.0408, 42.3983

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.



71.6261, 62.0677, 55.7818



47.4128, 62.0677, 61.7059



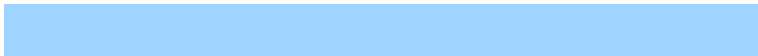
69.2470, 62.0677, 93.3484

Square

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



47.4128, 62.0677, 61.7059



56.9047, 62.0677, 109.8111



72.3212, 62.0677, 73.8180



61.1328, 62.0677, 37.8600

Rectangle

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



47.4128, 62.0677, 61.7059



49.8944, 62.0677, 93.7694



72.3212, 62.0677, 73.8180



69.1366, 62.0677, 46.7884

Sweetspot

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



47.4145, 62.0702, 61.7073



84.0217, 94.4823, 100.8104



47.5150, 62.7003, 35.5858



17.7158, 20.0891, 21.3707



0.0000, 0.0000, 0.0000



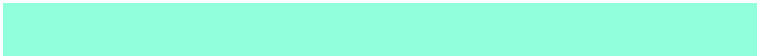
20.3446, 21.4041, 23.3091

Same Dimension

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



47.4145, 62.0702, 61.7073



60.2732, 82.6813, 79.7381



47.2741, 56.6351, 77.5502



13.9147, 15.4916, 16.5861



18.7878, 32.3400, 22.4034



1.3431, 2.2579, 1.7677

Inverse Universe

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



47.1103, 38.0408, 42.3983



59.8047, 44.9722, 49.4816



47.0005, 41.3474, 31.4913



13.8923, 13.7746, 15.2032



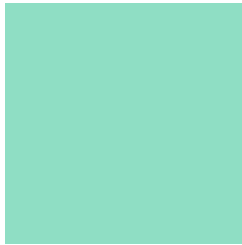
18.6547, 9.5289, 4.8473



1.3334, 0.6766, 0.5485

Previews

White Background



This preview shows how the XYZ color 47.4128, 62.0677, 61.7059 looks on a white background.

Color Contrast Check

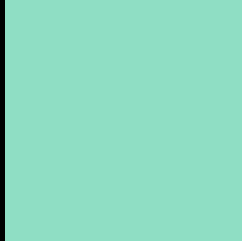
Large Text (above 18pt) WCAG AA × Fail

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 47.4128, 62.0677, 61.7059 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

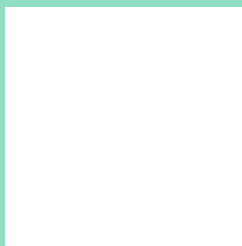
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.4128, 62.0677, 61.7059

Background



This preview shows how black text looks on a background with the XYZ color 47.4128, 62.0677, 61.7059.



This preview shows how white text looks on a background with the XYZ color 47.4128, 62.0677,

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
47.4128, 62.0677, 61.7059
Protanopia
58.5325, 61.5466, 55.8084
Deuteranopia
62.6446, 61.3948, 63.8070



Tritanopia

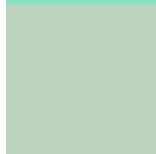
52.6130, 62.2416, 87.0827

Trichromacy



Original Color

47.4128, 62.0677, 61.7059



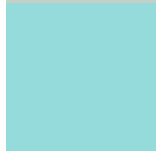
Protanomaly

53.3276, 60.9976, 57.6783



Deuteranomaly

55.3866, 60.4849, 62.7884



Tritanomaly

50.6442, 62.2199, 77.0506

Monochromacy



Original Color

47.4128, 62.0677, 61.7059



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

49.5861, 56.8329, 59.9861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4128, 62.0677, 61.7059 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(143, 222, 196)` looks like.

```
.text, #text, p{  
    color:rgb(143, 222, 196)  
}
```

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(143, 222, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 222, 196) }
```

Border

The CSS property to change the border of an element to XYZ 47.4128, 62.0677, 61.7059 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(143, 222, 196) }
```


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

```
.border{ border-color:rgb(143, 222, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 222, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 222, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 222, 196); box-shadow:4px 4px 4px 4px rgb(143, 222, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4128, 62.0677, 61.7059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 222, 196) }
```

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

```
.background{ background-color: rgb(143,  
222, 196) }
```

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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