

Converting Colors

XYZ(47.6472, 60.7407, 61.2371)

Have a look what the booklet for
XYZ(47.6472, 60.7407, 61.2371)
contains.

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Color

**XYZ(47.6129, 60.6124,
61.4144)**

Conversions

Conversions Part 1

Format	Color
Hex	96DAC4
RGB	150, 218, 196
RGB Percent	59%, 85%, 77%
CMY	0.4118, 0.1451, 0.2314
CMYK	0.31, 0.00, 0.10, 0.15
HSL	161°, 48%, 72%
HSV	161°, 31%, 85%
XYZ	47.6129, 60.6124, 61.4144
YIQ	195.1600, -33.4660, -21.2580

Conversions

Conversions Part 2

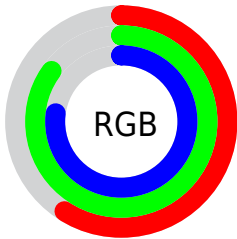
Format	Color
RYB	150, 191, 218
Decimal	9886404
CIELab	82.17, -26.05, 4.01
CIELCh	82, 26.354, 171.245
Yxy	60.6124, 0.2807, 0.3573
Android (android.graphics.Color)	4288076484 (0xFF96DAC4)
YUV	195.1600, 0.4141, -39.6053
Hunter-Lab	77.8540, -27.0798, 7.7274

Details

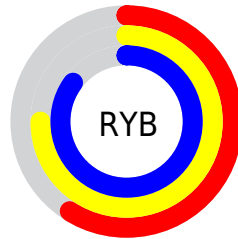
The XYZ color **47.6129, 60.6124, 61.4144** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.2683, 39.6983, 44.2035**, and the grayscale version is **51.9804, 54.6874, 59.5546**.

A 20% lighter version of the original color is **78.9432, 91.7337, 106.4741**, and **22.9094, 30.6888, 30.3073** is the 20% darker color. If you saturate the color by 10%, you get **43.1846, 58.4218, 57.1149**, and if you desaturate by 10%, it is **52.8286, 63.2078, 65.9504**.

Distribution



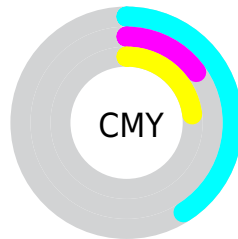
- Red (59%)
- Green (85%)
- Blue (77%)



- Red (59%)
- Yellow (75%)
- Blue (85%)



- Cyan (31%)
- Magenta (0%)
- Yellow (10%)
- Black (15%)





- Cyan (41%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6129, 60.6124, 61.4144 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 47.6129, 60.6124, 61.4144 by changing the saturation by 10% instead.


 47.6129, 60.6124,
61.4144


 47.6129, 60.6124,
61.4144


367.8639,
426.8514, 447.7403

 33.7304, 43.9124,
44.1270


 85.8410, 105.7175,
108.4421

 22.8485, 30.6017,
30.4324


 110.9172,
134.8915, 139.0194

 14.6017, 20.2957,
19.9122


140.4555,
168.9922, 174.8638

 8.6249, 12.6102,
12.1478

174.8211,
208.4041, 216.3938

 4.5524, 7.1607,
6.7206

214.3794,
253.5116, 264.0279

 2.0192, 3.5628,
3.2122

259.4957,

 0.6447, 1.4321,

304.6990, 318.1847

1.2040

310.5354,
362.3508, 379.2826

■ 0.0000, 0.2402,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.6129, 60.6124,
61.4144

■ 47.6129, 60.6124,
61.4144

■ 43.1846, 58.4218,
57.1149

■ 52.8286, 63.2078,
65.9504

■ 39.4968, 56.6069,
53.0431

■ 58.8654, 66.2205,
70.7233

■ 36.5049, 55.1466,
49.1956

■ 65.7611, 69.6715,
75.7387

■ 34.1577, 54.0144,
45.5672

■ 73.5497, 73.5783,
81.0006

■ 32.3965, 53.1802,
42.1522

■ 80.7745, 77.1898,
86.4435

■ 31.1510, 52.6079,
38.9444

■ 81.7928, 77.5971,
91.8056

■ 30.3757, 52.2663,
36.2837

■ 82.8517, 78.0207,
97.3816

■ 83.9517, 78.4607,
103.1741

■ 84.3625, 78.6250,
105.3375

Harmonies

Analogous

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



49.6171, 60.6124, 48.5183



47.6129, 60.6124, 61.4144



48.1487, 60.6124, 77.8092

Triad

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



47.6129, 60.6124, 61.4144



61.5994, 60.6124, 99.1012



64.6148, 60.6124, 44.7570

Complementary

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



47.6129, 60.6124, 61.4144



47.2683, 39.6983, 44.2035

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.



68.2367, 60.6124, 55.4445



47.6129, 60.6124, 61.4144



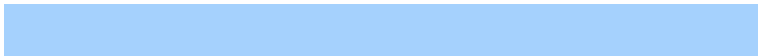
66.4188, 60.6124, 87.2370

Square

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



47.6129, 60.6124, 61.4144



55.9873, 60.6124, 101.3948



68.9174, 60.6124, 70.8012



59.2643, 60.6124, 39.9762

Rectangle

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



47.6129, 60.6124, 61.4144



49.8897, 60.6124, 88.4784



68.9174, 60.6124, 70.8012



66.0889, 60.6124, 47.6874

Sweetspot

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



47.6146, 60.6149, 61.4158



85.9322, 95.4351, 102.3528



47.7383, 61.1937, 38.1506



18.0982, 20.2796, 21.6869



0.0000, 0.0000, 0.0000



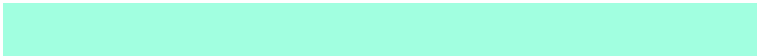
20.3446, 21.4041, 23.3091

Same Dimension

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



47.6146, 60.6149, 61.4158



63.9062, 84.4682, 83.7930



47.4667, 56.0126, 74.6424



13.2563, 14.7542, 15.8127



18.2486, 31.3321, 22.0065



1.2211, 2.0454, 1.6301

Inverse Universe

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



47.2683, 39.6983, 44.2035



63.3474, 50.3970, 55.7817



47.2236, 42.7155, 34.6111



13.2288, 13.1206, 14.4663



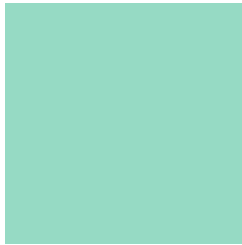
18.0386, 9.2165, 4.5831



1.2074, 0.6126, 0.5010

Previews

White Background



This preview shows how the XYZ color 47.6129, 60.6124, 61.4144 looks on a white background.

Color Contrast Check

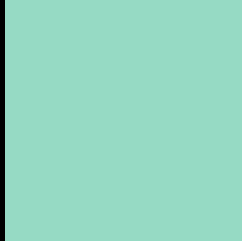
Large Text (above 18pt) WCAG AA × Fail

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 47.6129, 60.6124, 61.4144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

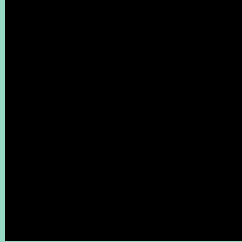
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

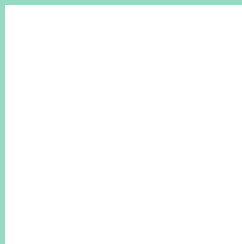
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.6129, 60.6124, 61.4144

Background



This preview shows how black text looks on a background with the XYZ color 47.6129, 60.6124, 61.4144.



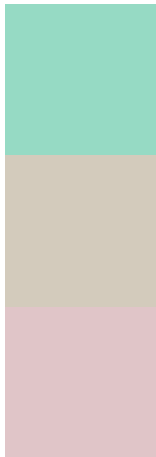
This preview shows how white text looks on a background with the XYZ color 47.6129, 60.6124,

61.4144.

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

47.6129, 60.6124, 61.4144

Protanopia

57.2970, 60.1916, 56.1752

Deuteranopia

61.1320, 59.9499, 62.9931



Tritanopia

51.9818, 60.4698, 83.7950

Trichromacy



Original Color

47.6129, 60.6124, 61.4144

Protanomaly

52.9461, 59.6922, 58.0214

Deuteranomaly

55.1661, 59.6565, 62.6401

Tritanomaly

50.2818, 60.5329, 75.3635

Monochromacy



Original Color

47.6129, 60.6124, 61.4144

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

49.7967, 56.2357, 59.8598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6129, 60.6124, 61.4144 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, 218, 196)` looks like.

```
.text, #text, p{  
    color:rgb(150, 218, 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(150, 218, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 218, 196) }
```

Border

The CSS property to change the border of an element to XYZ 47.6129, 60.6124, 61.4144 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, 218, 196) }
```


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

```
.border{ border-color:rgb(150, 218, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 218, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 218, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 218, 196);  
box-shadow:4px 4px 4px 4px rgb(150, 218,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6129, 60.6124, 61.4144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 218, 196) }
```

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

```
.background{ background-color: rgb(150,  
218, 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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