

Converting Colors

XYZ(52.6324, 64.7179, 61.8881)

Have a look what the booklet for
XYZ(52.6324, 64.7179, 61.8881)
contains.

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Color

**XYZ(52.6626, 64.7741,
61.9516)**

Conversions

Conversions Part 1

Format	Color
Hex	AADEC4
RGB	170, 222, 196
RGB Percent	67%, 87%, 77%
CMY	0.3333, 0.1294, 0.2314
CMYK	0.23, 0.00, 0.12, 0.13
HSL	150°, 44%, 77%
HSV	150°, 23%, 87%
XYZ	52.6626, 64.7741, 61.9516
YIQ	203.4880, -22.6460, -19.1100

Conversions

Conversions Part 2

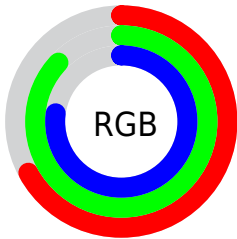
Format	Color
RYB	170, 205, 222
Decimal	11198148
CIELab	84.37, -21.95, 7.32
CIElCh	84, 23.137, 161.557
Yxy	64.7741, 0.2936, 0.3611
Android (android.graphics.Color)	4289388228 (0xFFAADEC4)
YUV	203.4880, -3.6916, -29.3690
Hunter-Lab	80.4824, -24.0449, 10.6989

Details

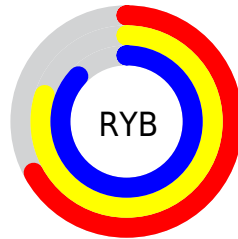
The XYZ color **52.6626, 64.7741, 61.9516** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.4649, 48.2661, 58.6729**, and the grayscale version is **57.1057, 60.0796, 65.4267**.

A 20% lighter version of the original color is **84.8537, 94.7806, 106.7507**, and **26.0373, 33.3723, 30.6604** is the 20% darker color. If you saturate the color by 10%, you get **47.0458, 62.0209, 55.3358**, and if you desaturate by 10%, it is **59.1869, 67.9878, 69.1007**.

Distribution



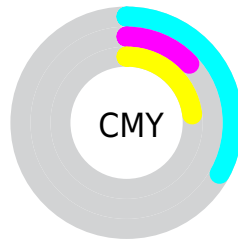
- Red (67%)
- Green (87%)
- Blue (77%)



- Red (67%)
- Yellow (80%)
- Blue (87%)



- Cyan (23%)
- Magenta (0%)
- Yellow (12%)
- Black (13%)




- Cyan (33%)
- Magenta (13%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6626, 64.7741, 61.9516 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 52.6626, 64.7741, 61.9516 by changing the saturation by 10% instead.


 52.6626, 64.7741,
61.9516

 52.6626, 64.7741,
61.9516


387.2714,
441.9797, 449.7573

 37.7599, 47.2779,
44.5581


 93.2762, 111.7250,
109.2265

 25.9728, 33.2554,
30.7691

119.7177,
141.9486, 139.9449

 16.9358, 22.3222,
20.1661


150.7363,
177.1833, 175.9421

 10.2838, 14.0938,
12.3305

186.6972,
217.8138, 217.6364

 5.6512, 8.1860,
6.8439

227.9658,
264.2242, 265.4466

 2.6728, 4.2142,
3.2877

274.9074,

 0.9832, 1.7941,

316.7991, 319.7911

1.2434

327.8875,
375.9228, 381.0885

0.0000, 0.4835,
0.0147

0.0000, 0.0000,
0.0000

52.6626, 64.7741,
61.9516

52.6626, 64.7741,
61.9516

47.0458, 62.0209,
55.3358

59.1869, 67.9878,
69.1007

42.2884, 59.6985,
49.2364


66.6532, 71.6744,
76.7908


38.3460, 57.7858,
43.6420


75.1005, 75.8554,
85.0349

35.1676, 56.2570,
38.5388

83.1509, 79.8203,
93.7781


 32.6965, 55.0829,
33.9126

 84.8549, 80.5019,
102.7514

 30.8671, 54.2301,
29.7481

 85.4125, 80.7250,
105.6875

 29.6007, 53.6582,
26.0289

 28.9915, 53.3926,
23.8157

Harmonies

Analogous

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



55.2428, 64.7741, 51.4064



52.6626, 64.7741, 61.9516



52.3864, 64.7741, 76.3490

Triad

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



52.6626, 64.7741, 61.9516



63.5661, 64.7741, 102.0332



69.2572, 64.7741, 53.3768

Complementary

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



52.6626, 64.7741, 61.9516



54.4649, 48.2661, 58.6729

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.



71.7594, 64.7741, 65.0107



52.6626, 64.7741, 61.9516



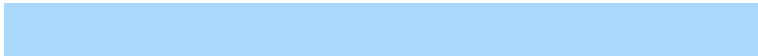
68.3538, 64.7741, 93.8855

Square

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



52.6626, 64.7741, 61.9516



58.4935, 64.7741, 100.9125



71.4199, 64.7741, 79.8615



64.7439, 64.7741, 46.9512

Rectangle

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



52.6626, 64.7741, 61.9516



53.5264, 64.7741, 86.3936



71.4199, 64.7741, 79.8615



70.3724, 64.7741, 56.7344

Sweetspot

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



52.6644, 64.7768, 61.9530



87.3812, 96.2088, 101.2134



56.3702, 67.0001, 47.9923



18.5683, 20.5260, 21.5257



0.0000, 0.0000, 0.0000



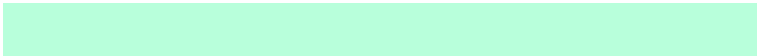
20.3446, 21.4041, 23.3091

Same Dimension

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



52.6644, 64.7768, 61.9530



68.2570, 86.7912, 80.3787



55.7699, 66.0190, 78.3065



13.8132, 15.4510, 16.0513



17.2758, 31.7352, 14.4411



1.2427, 2.2178, 1.2390

Inverse Universe

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



54.4649, 48.2661, 58.6729



71.1235, 60.5054, 75.1565



51.8388, 47.2156, 44.8436



13.9916, 13.8143, 15.7262



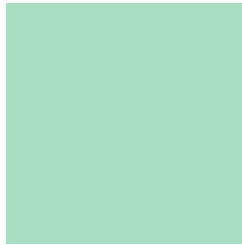
19.6538, 9.9285, 10.1086



1.4075, 0.7063, 0.9387

Previews

White Background



This preview shows how the XYZ color 52.6626, 64.7741, 61.9516 looks on a white background.

Color Contrast Check

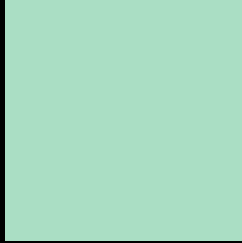
Large Text (above 18pt) WCAG AA × Fail

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 52.6626, 64.7741, 61.9516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

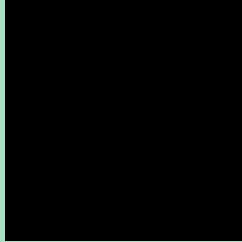
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

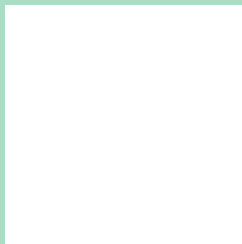
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6626, 64.7741, 61.9516

Background



This preview shows how black text looks on a background with the XYZ color 52.6626, 64.7741, 61.9516.



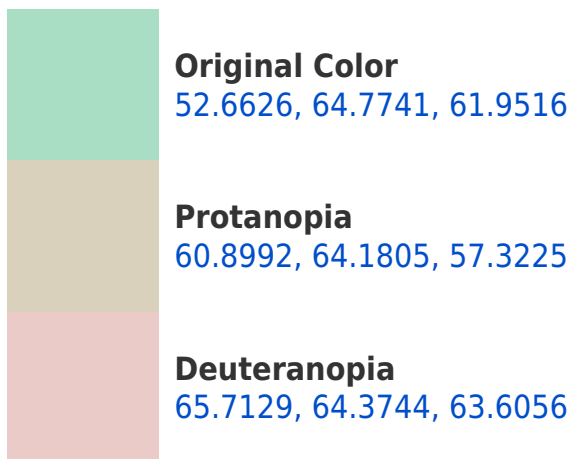
This preview shows how white text looks on a background with the XYZ color 52.6626, 64.7741,

61.9516.

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





Tritanopia

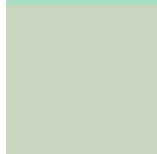
57.7956, 64.9133, 87.3253

Trichromacy



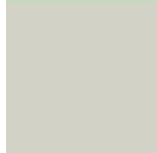
Original Color

52.6626, 64.7741, 61.9516



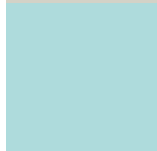
Protanomaly

57.6484, 64.3164, 59.2451



Deuteranomaly

60.2194, 64.0656, 63.2248



Tritanomaly

55.7053, 64.8290, 77.2874

Monochromacy



Original Color

52.6626, 64.7741, 61.9516



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

54.9578, 61.3397, 63.5867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6626, 64.7741, 61.9516 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(170, 222, 196)` looks like.

```
.text, #text, p{  
    color:rgb(170, 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(170, 222, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 222, 196) }
```

Border

The CSS property to change the border of an element to XYZ 52.6626, 64.7741, 61.9516 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(170, 222, 196) }
```


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

```
.border{ border-color:rgb(170, 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(170, 222, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 222, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 222, 196);  
box-shadow:4px 4px 4px 4px rgb(170, 222,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6626, 64.7741, 61.9516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 222, 196) }
```

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

```
.background{ background-color: rgb(170,  
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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