

Converting Colors

XYZ(52.2986, 61.8166, 64.4337)

Have a look what the booklet for
XYZ(52.2986, 61.8166, 64.4337)
contains.

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Color

**XYZ(52.2986, 61.8166,
64.4337)**

Conversions

Conversions Part 1

Format	Color
Hex	AED7C9
RGB	174, 215, 201
RGB Percent	68%, 84%, 79%
CMY	0.3176, 0.1568, 0.2118
CMYK	0.19, 0.00, 0.07, 0.16
HSL	160°, 34%, 76%
HSV	160°, 19%, 84%
XYZ	52.2986, 61.8166, 64.4337
YIQ	201.1450, -19.9420, -13.0460

Conversions

Conversions Part 2

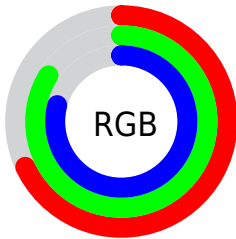
Format	Color
RYB	174, 199, 215
Decimal	11458505
CIELab	82.82, -16.21, 2.46
CIELCh	83, 16.396, 171.370
Yxy	61.8166, 0.2929, 0.3462
Android (android.graphics.Color)	4289648585 (0xFFAED7C9)
YUV	201.1450, -0.0715, -23.8062
Hunter-Lab	78.6235, -18.8570, 6.4470

Details

The XYZ color **52.2986, 61.8166, 64.4337** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.2397, 48.3516, 54.1591**, and the grayscale version is **55.6179, 58.5144, 63.7222**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **25.7224, 31.3131, 32.2921** is the 20% darker color. If you saturate the color by 10%, you get **47.0438, 59.2068, 59.7869**, and if you desaturate by 10%, it is **58.3648, 64.8433, 69.3367**.

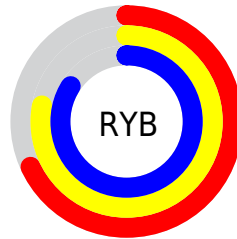
Distribution



Red (68%)

Green (84%)

Blue (79%)



Red (68%)

Yellow (78%)

Blue (84%)

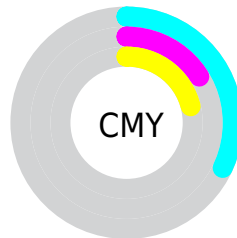


Cyan (19%)

Magenta (0%)

Yellow (7%)

Black (16%)



Cyan (32%)

Magenta (16%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2986, 61.8166, 64.4337 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 52.2986, 61.8166, 64.4337 by changing the saturation by 10% instead.

■ 52.2986, 61.8166,
64.4337

■ 52.2986, 61.8166,
64.4337

385.8933,
431.2618, 459.0045

■ 37.4684, 44.8845,
46.5536

■ 92.7431, 107.4604,
112.8408

■ 25.7457, 31.3665,
32.3311

119.0880,
136.9410, 144.2048

■ 16.7652, 20.8781,
21.3476

150.0020,
171.3731, 180.9006

■ 10.1615, 13.0349,
13.1846

185.8502,
211.1413, 223.3467

■ 5.5692, 7.4526,
7.4236

226.9981,
256.6298, 271.9616

■ 2.6231, 3.7467,
3.6459

273.8110,

■ 0.9577, 1.5329,

308.2231, 327.1638

1.4332

326.6543,
366.3057, 389.3719

■ 0.0000, 0.3117,
0.1674

■ 0.0000, 0.0000,
0.0000

■ 52.2986, 61.8166,
64.4337

■ 52.2986, 61.8166,
64.4337

■ 47.0438, 59.2068,
59.7869

■ 58.3648, 64.8433,
69.3367

■ 42.5584, 56.9872,
55.3874

■ 65.2719, 68.2970,
74.4962

■ 38.8040, 55.1398,
51.2317

■ 73.0539, 72.1968,
79.9180

■ 35.7371, 53.6423,
47.3146

■ 79.8769, 75.5973,
85.5191

■ 33.3091, 52.4696,
43.6307

■ 80.9323, 76.0195,
91.0771

■ 31.4649, 51.5935,
40.1741

■ 82.0318, 76.4593,
96.8669

■ 30.1396, 50.9805,
36.9385

■ 83.1758, 76.9169,
102.8910

■ 29.2287, 50.5769,
33.9155

■ 83.5916, 77.0832,
105.0805

■ 29.1524, 50.5435,
33.6447

Harmonies

Analogous

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



53.6122, 61.8166, 55.8907



52.2986, 61.8166, 64.4337



52.6600, 61.8166, 74.6397

Triad

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



52.2986, 61.8166, 64.4337



61.2620, 61.8166, 87.0741



63.0933, 61.8166, 53.2403

Complementary

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



52.2986, 61.8166, 64.4337



52.2397, 48.3516, 54.1591

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.



65.3027, 61.8166, 60.4724



52.2986, 61.8166, 64.4337



64.2163, 61.8166, 80.1825

Square

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



52.2986, 61.8166, 64.4337



57.7425, 61.8166, 88.4057



65.7217, 61.8166, 70.2661



59.7789, 61.8166, 49.8657

Rectangle

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



52.2986, 61.8166, 64.4337



53.8085, 61.8166, 80.9849



65.7217, 61.8166, 70.2661



63.9953, 61.8166, 55.2644

Sweetspot

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



52.3003, 61.8192, 64.4351



88.8134, 96.8808, 104.2764



52.7678, 62.3955, 49.3077



18.8704, 20.6669, 22.2135



0.0000, 0.0000, 0.0000



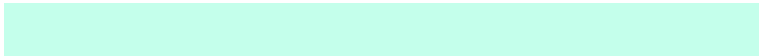
20.3446, 21.4041, 23.3091

Same Dimension

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



52.3003, 61.8192, 64.4351



73.6072, 89.2992, 91.9317



52.4870, 59.4348, 72.9987



12.6036, 14.0324, 14.9929



17.4873, 30.2503, 20.3936



1.0928, 1.8398, 1.4307

Inverse Universe

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



52.2397, 48.3516, 54.1591



73.5028, 65.8755, 74.0646



52.0178, 50.2078, 46.9947



12.5965, 12.4901, 13.8156



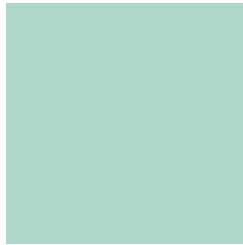
17.5345, 8.9501, 4.8529



1.0958, 0.5551, 0.4941

Previews

White Background



This preview shows how the XYZ color 52.2986, 61.8166, 64.4337 looks on a white background.

Color Contrast Check

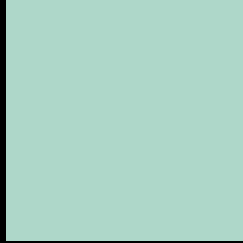
Large Text (above 18pt) WCAG AA × Fail

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 52.2986, 61.8166, 64.4337 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

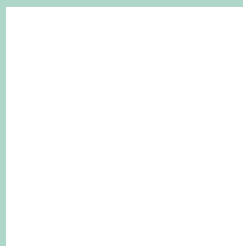
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.2986, 61.8166, 64.4337

Background



This preview shows how black text looks on a background with the XYZ color 52.2986, 61.8166, 64.4337.



This preview shows how white text looks on a background with the XYZ color 52.2986, 61.8166,

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

52.2986, 61.8166, 64.4337

Protanopia

58.8330, 61.5998, 60.4189

Deuteranopia

62.6865, 61.3752, 65.6694



Tritanopia

55.8883, 61.7737, 82.3767

Trichromacy



Original Color

52.2986, 61.8166, 64.4337

Protanomaly

56.1672, 61.6379, 61.7603

Deuteranomaly

58.3429, 61.2398, 65.2454

Tritanomaly

54.3298, 61.4960, 75.3361

Monochromacy



Original Color

52.2986, 61.8166, 64.4337

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.0998, 59.4360, 63.8793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2986, 61.8166, 64.4337 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(174, 215, 201)` looks like.

```
.text, #text, p{  
    color:rgb(174, 215, 201)  
}
```

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(174, 215, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 215, 201) }
```

Border

The CSS property to change the border of an element to XYZ 52.2986, 61.8166, 64.4337 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(174, 215, 201) }
```


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

```
.border{ border-color:rgb(174, 215, 201) }
```

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

Here you see how a box with a 4 pixel rgb(174, 215, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 215, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 215, 201);  
box-shadow:4px 4px 4px 4px rgb(174, 215,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2986, 61.8166, 64.4337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 215, 201) }
```

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

```
.background{ background-color: rgb(174,  
215, 201) }
```

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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