

Converting Colors

XYZ(52.8723, 60.4749, 72.0310)

Have a look what the booklet for
XYZ(52.8723, 60.4749, 72.0310)
contains.

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Color

**XYZ(52.7601, 60.3913,
71.8267)**

Conversions

Conversions Part 1

Format	Color
Hex	AED3D5
RGB	174, 211, 213
RGB Percent	68%, 83%, 84%
CMY	0.3176, 0.1725, 0.1647
CMYK	0.18, 0.01, 0.00, 0.16
HSL	183°, 32%, 76%
HSV	183°, 18%, 84%
XYZ	52.7601, 60.3913, 71.8267
YIQ	200.1650, -22.6940, -7.2220

Conversions

Conversions Part 2

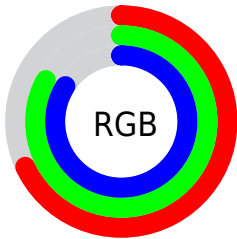
Format	Color
RYB	174, 193, 213
Decimal	11457493
CIELab	82.05, -11.71, -5.05
CIElCh	82, 12.752, 203.330
Yxy	60.3913, 0.2852, 0.3265
Android (android.graphics.Color)	4289647573 (0xFFAED3D5)
YUV	200.1650, 6.3277, -22.9467
Hunter-Lab	77.7118, -14.8085, -0.4017

Details

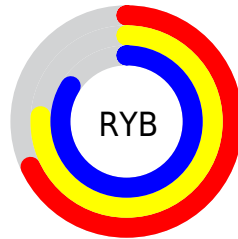
The XYZ color **52.7601, 60.3913, 71.8267** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.6065, 48.2529, 46.6921**, and the grayscale version is **54.9750, 57.8380, 62.9856**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **25.9452, 30.3105, 36.8308** is the 20% darker color. If you saturate the color by 10%, you get **48.1164, 57.5980, 71.5333**, and if you desaturate by 10%, it is **58.1616, 63.5811, 72.1587**.

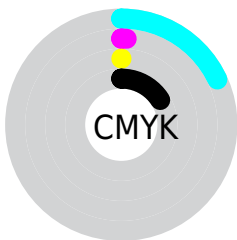
Distribution



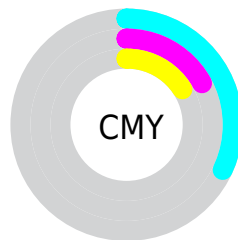
- Red (68%)
- Green (83%)
- Blue (84%)



- Red (68%)
- Yellow (76%)
- Blue (84%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (32%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.7601, 60.3913, 71.8267 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 52.7601, 60.3913, 71.8267 by changing the saturation by 10% instead.

■ 52.7601, 60.3913,
71.8267

■ 52.7601, 60.3913,
71.8267

387.6400,
426.0386, 485.8995

■ 37.8380, 43.7341,
52.5312

■ 93.4189, 105.3971,
123.5155

■ 26.0336, 30.4615,
37.0435

119.8863,
134.5145, 156.7459

■ 16.9816, 20.1892,
24.9451

150.9328,
168.5541, 195.4583

■ 10.3166, 12.5326,
15.8175

186.9238,
207.9002, 240.0713

■ 5.6732, 7.1075,
9.2422

228.2247,
252.9374, 291.0033

■ 2.6862, 3.5294,
4.8005

275.2008,

■ 0.9901, 1.4140,

304.0499, 348.6730

2.0740

328.2174,
361.6221, 413.4989

■ 0.0000, 0.2270,
0.6002

■ 0.0000, 0.0000,
0.0000

■ 52.7601, 60.3913,
71.8267

■ 52.7601, 60.3913,
71.8267

■ 48.1164, 57.5980,
71.5333

■ 58.1616, 63.5811,
72.1587

■ 44.1899, 55.1756,
71.2726

■ 64.3488, 67.1771,
72.5267

■ 40.9441, 53.1069,
71.0444

■ 71.3543, 71.1978,
72.9335

■ 38.3372, 51.3702,
70.8466

■ 77.6445, 74.8524,
73.3074

■ 36.3229, 49.9417,
70.6770

■ 77.9238, 75.4110,
73.4005

■ 34.8485, 48.7943,
70.5333

■ 78.2050, 75.9734,
73.4942

■ 33.8521, 47.8959,
70.4124

■ 78.4880, 76.5394,
73.5886

■ 33.2413, 47.1991,
70.3101

■ 78.7729, 77.1092,
73.6835

■ 33.1529, 47.0892,
70.2935

■ 79.0597, 77.6827,
73.7791

Harmonies

Analogous

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



52.3926, 60.3913, 64.0426



52.7601, 60.3913, 71.8267



54.3527, 60.3913, 78.4280

Triad

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



52.7601, 60.3913, 71.8267



61.6693, 60.3913, 75.0488



58.0057, 60.3913, 52.0559

Complementary

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



52.7601, 60.3913, 71.8267



50.6065, 48.2529, 46.6921

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.



60.5593, 60.3913, 54.5280



52.7601, 60.3913, 71.8267



62.7170, 60.3913, 67.4994

Square

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



52.7601, 60.3913, 71.8267



59.4825, 60.3913, 80.3879



62.3045, 60.3913, 60.0371



55.3669, 60.3913, 53.0167

Rectangle

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



52.7601, 60.3913, 71.8267



55.9225, 60.3913, 81.0658



62.3045, 60.3913, 60.0371



58.9035, 60.3913, 52.5061

Sweetspot

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



52.7619, 60.3938, 71.8281



90.3059, 97.2456, 108.6184



49.0825, 59.7209, 49.9900



19.1917, 20.7344, 23.2406



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.



52.7619, 60.3938, 71.8281



76.4270, 89.0491, 107.7678



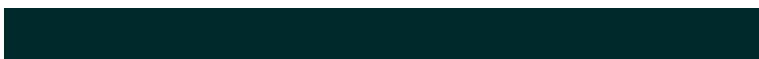
48.2179, 51.3059, 70.3134



12.7352, 13.9938, 15.9674



20.2745, 28.8107, 42.9456



1.2399, 1.7719, 2.5960

Inverse Universe

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



54.3359, 49.1228, 68.2487



79.2313, 69.0972, 101.3623



54.6977, 56.4355, 48.0559



12.9243, 12.6212, 15.5415



23.2925, 11.2533, 35.1739



1.4135, 0.6822, 2.1669

Previews

White Background



This preview shows how the XYZ color 52.7601, 60.3913, 71.8267 looks on a white background.

Color Contrast Check

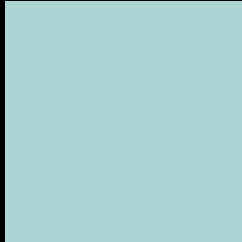
Large Text (above 18pt) WCAG AA × Fail

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 52.7601, 60.3913, 71.8267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

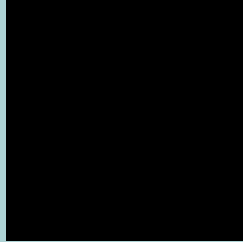
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.7601, 60.3913, 71.8267

Background



This preview shows how black text looks on a background with the XYZ color 52.7601, 60.3913, 71.8267.

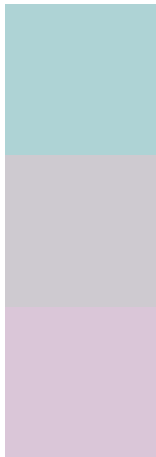


This preview shows how white text looks on a background with the XYZ color 52.7601, 60.3913,

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

52.7601, 60.3913, 71.8267

Protanopia

57.9593, 59.9169, 68.1849

Deuteranopia

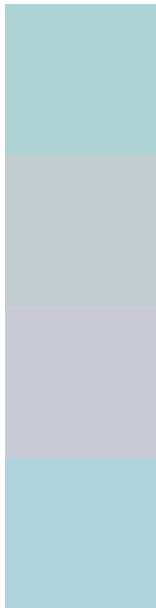
61.5022, 60.2515, 73.3539



Tritanopia

54.4324, 60.3220, 80.7259

Trichromacy



Original Color

52.7601, 60.3913, 71.8267

Protanomaly

55.7123, 59.7851, 69.5761

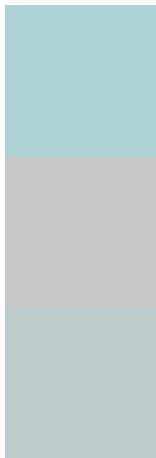
Deuteranomaly

57.9788, 60.1747, 72.8491

Tritanomaly

53.7769, 60.4276, 77.2360

Monochromacy



Original Color

52.7601, 60.3913, 71.8267

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.0982, 58.6699, 66.2307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7601, 60.3913, 71.8267 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, 211, 213)` looks like.

```
.text, #text, p{  
    color:rgb(174, 211, 213)  
}
```

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, 211, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 211, 213) }
```

Border

The CSS property to change the border of an element to XYZ 52.7601, 60.3913, 71.8267 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, 211, 213) }
```


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

```
.border{ border-color:rgb(174, 211, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 211, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 211, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 211, 213);  
box-shadow:4px 4px 4px 4px rgb(174, 211,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7601, 60.3913, 71.8267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 211, 213) }
```

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

```
.background{ background-color: rgb(174,  
211, 213) }
```

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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