

Converting Colors

XYZ(52.2965, 61.4943, 76.8244)

Have a look what the booklet for
XYZ(52.2965, 61.4943, 76.8244)
contains.

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Color

**XYZ(52.3230, 61.5547,
76.8337)**

Conversions

Conversions Part 1

Format	Color
Hex	A3D7DC
RGB	163, 215, 220
RGB Percent	64%, 84%, 86%
CMY	0.3608, 0.1568, 0.1372
CMYK	0.26, 0.02, 0.00, 0.14
HSL	185°, 45%, 75%
HSV	185°, 26%, 86%
XYZ	52.3230, 61.5547, 76.8337
YIQ	200.0220, -32.5970, -9.4690

Conversions

Conversions Part 2

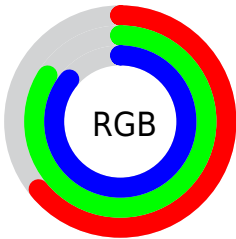
Format	Color
R_{YB}	163, 190, 220
Decimal	10737628
CIE _{Lab}	82.68, -15.54, -7.93
CIE _{LCh}	83, 17.448, 207.019
Yxy	61.5547, 0.2744, 0.3228
Android (android.graphics.Color)	4288927708 (0xFFA3D7DC)
YUV	200.0220, 9.8492, -32.4683
Hunter-Lab	78.4568, -18.2574, -3.1437

Details

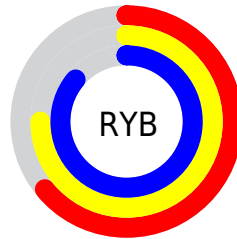
The XYZ color **52.3230, 61.5547, 76.8337** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.1295, 45.8657, 40.8626**, and the grayscale version is **54.8704, 57.7279, 62.8657**.

A 20% lighter version of the original color is **83.0234, 93.8001, 108.3372**, and **25.6690, 31.1094, 40.2491** is the 20% darker color. If you saturate the color by 10%, you get **47.7166, 58.4567, 76.4795**, and if you desaturate by 10%, it is **57.7224, 65.0732, 77.2293**.

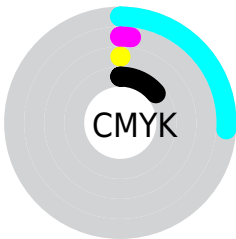
Distribution



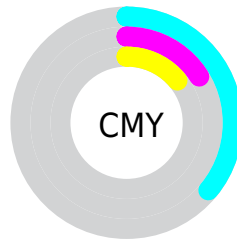
- Red (64%)
- Green (84%)
- Blue (86%)



- Red (64%)
- Yellow (75%)
- Blue (86%)



- Cyan (26%)
- Magenta (2%)
- Yellow (0%)
- Black (14%)



- Cyan (36%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3230, 61.5547, 76.8337 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 52.3230, 61.5547, 76.8337 by changing the saturation by 10% instead.

■ 52.3230, 61.5547,
76.8337

■ 52.3230, 61.5547,
76.8337

385.9858,
430.3049, 503.6194

■ 37.4879, 44.6730,
56.6056

■ 92.7788, 107.0817,
130.6756

■ 25.7609, 31.1999,
40.2815

■ 119.1303,
136.4958, 165.1265

■ 16.7766, 20.7511,
27.4426

150.0512,
170.8561, 205.1554

■ 10.1696, 12.9422,
17.6705

185.9070,
210.5470, 251.1809

■ 5.5747, 7.3888,
10.5467

227.0630,
255.9529, 303.6215

■ 2.6264, 3.7064,
5.6526

273.8846,

■ 0.9594, 1.5107,

307.4583, 362.8958

2.5697

326.7371,
365.4475, 429.4222

■ 0.0000, 0.2963,
0.8767

■ 0.0000, 0.0000,
0.0000

■ 52.3230, 61.5547,
76.8337

■ 52.3230, 61.5547,
76.8337

■ 47.7166, 58.4567,
76.4795

■ 57.7224, 65.0732,
77.2293

■ 43.8572, 55.7508,
76.1606

■ 63.9470, 69.0242,
77.6638

■ 40.7023, 53.4166,
75.8764

■ 71.0339, 73.4284,
78.1404

■ 38.2031, 51.4289,
75.6244

■ 79.0163, 78.3030,
78.6606

■ 36.3042, 49.7592,
75.4022

■ 80.9888, 80.0880,
78.9011

■ 34.9414, 48.3743,
75.2068

■ 81.5121, 81.1347,
79.0756

■ 34.0350, 47.2331,
75.0343

■ 82.0414, 82.1932,
79.2520

■ 33.7382, 46.8068,
74.9676

■ 82.5766, 83.2636,
79.4304

■ 83.1177, 84.3458,
79.6108

Harmonies

Analogous

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



51.6059, 61.5547, 65.9559



52.3230, 61.5547, 76.8337



54.6732, 61.5547, 85.8515

Triad

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



52.3230, 61.5547, 76.8337



64.7561, 61.5547, 78.8864



58.8812, 61.5547, 48.4665

Complementary

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



52.3230, 61.5547, 76.8337



50.1295, 45.8657, 40.8626

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.



62.5137, 61.5547, 51.1700



52.3230, 61.5547, 76.8337



65.9951, 61.5547, 68.1008

Square

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



52.3230, 61.5547, 76.8337



61.8382, 61.5547, 87.1227



65.1576, 61.5547, 58.0844



55.2955, 61.5547, 50.2794

Rectangle

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



52.3230, 61.5547, 76.8337



56.9033, 61.5547, 89.1919



65.1576, 61.5547, 58.0844



60.1383, 61.5547, 48.8697

Sweetspot

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



52.3248, 61.5572, 76.8351



87.3711, 95.1983, 108.3779



47.7433, 61.7920, 46.3359



18.4107, 20.1929, 23.1772



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.



52.3248, 61.5572, 76.8351



69.5319, 83.6216, 107.0836



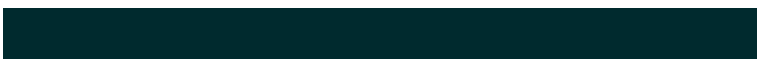
45.7412, 48.3899, 74.6406



13.3422, 14.6241, 16.7717



19.8421, 27.5536, 44.0110



1.3147, 1.8436, 2.8610

Inverse Universe

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



54.8796, 46.3178, 70.3405



73.7095, 59.0727, 96.3805



55.9236, 57.4540, 42.7940



13.5626, 13.2541, 16.2237



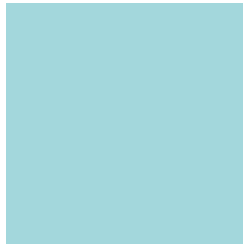
23.5107, 11.4053, 33.3990



1.5379, 0.7448, 2.2415

Previews

White Background



This preview shows how the XYZ color 52.3230, 61.5547, 76.8337 looks on a white background.

Color Contrast Check

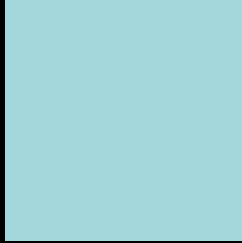
Large Text (above 18pt) WCAG AA × Fail

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 52.3230, 61.5547, 76.8337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

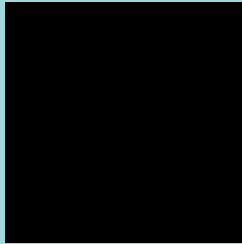
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3230, 61.5547, 76.8337

Background



This preview shows how black text looks on a background with the XYZ color 52.3230, 61.5547, 76.8337.

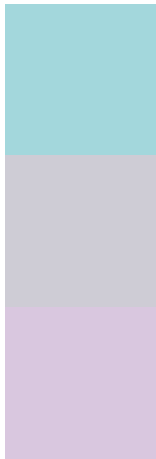


This preview shows how white text looks on a background with the XYZ color 52.3230, 61.5547,

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

52.3230, 61.5547, 76.8337

Protanopia

59.0567, 61.1116, 71.6339

Deuteranopia

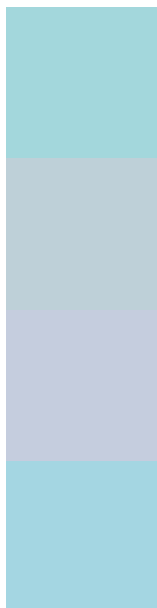
62.3580, 60.9263, 78.2854



Tritanopia

53.5942, 61.3010, 83.8705

Trichromacy



Original Color

52.3230, 61.5547, 76.8337

Protanomaly

56.1857, 61.0168, 73.7819

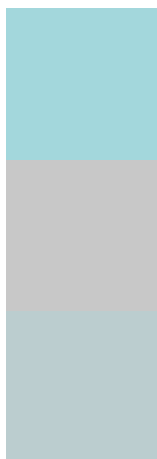
Deuteranomaly

58.0421, 60.8069, 77.7850

Tritanomaly

53.0839, 61.4766, 81.0199

Monochromacy



Original Color

52.3230, 61.5547, 76.8337

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.5873, 58.7324, 67.5436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3230, 61.5547, 76.8337 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(163, 215, 220)` looks like.

```
.text, #text, p{  
    color:rgb(163, 215, 220)  
}
```

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(163, 215, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 215, 220) }
```

Border

The CSS property to change the border of an element to XYZ 52.3230, 61.5547, 76.8337 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(163, 215, 220) }
```


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

```
.border{ border-color:rgb(163, 215, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 215, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 215, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 215, 220);  
box-shadow:4px 4px 4px 4px rgb(163, 215,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3230, 61.5547, 76.8337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 215, 220) }
```

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

```
.background{ background-color: rgb(163,  
215, 220) }
```

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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