

Converting Colors

XYZ(55.2140, 60.9460, 88.1976)

Have a look what the booklet for
XYZ(55.2140, 60.9460, 88.1976)
contains.

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Color

**XYZ(55.2002, 60.9200,
88.2063)**

Conversions

Conversions Part 1

Format	Color
Hex	ACD2EC
RGB	172, 210, 236
RGB Percent	67%, 82%, 93%
CMY	0.3255, 0.1765, 0.0745
CMYK	0.27, 0.11, 0.00, 0.07
HSL	204°, 63%, 80%
HSV	204°, 27%, 93%
XYZ	55.2002, 60.9200, 88.2063
YIQ	201.6020, -30.9940, 0.0300

Conversions

Conversions Part 2

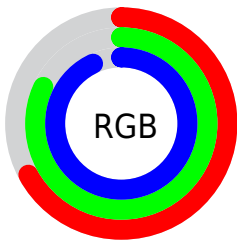
Format	Color
R _{YB}	172, 196, 236
Decimal	11326188
CIE Lab	82.34, -6.70, -16.90
CIE LCh	82, 18.177, 248.373
Yxy	60.9200, 0.2702, 0.2982
Android (android.graphics.Color)	4289516268 (0xFFACD2EC)
YUV	201.6020, 16.9582, -25.9610
Hunter-Lab	78.0513, -10.3492, -12.3682

Details

The XYZ color **55.2002, 60.9200, 88.2063** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.2334, 61.2001, 47.5640**, and the grayscale version is **55.8043, 58.7105, 63.9357**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **27.5979, 30.9238, 47.6943** is the 20% darker color. If you saturate the color by 10%, you get **48.1774, 53.8919, 87.2209**, and if you desaturate by 10%, it is **63.2883, 68.7108, 89.2848**.

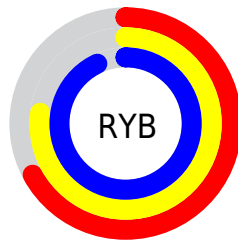
Distribution



Red (67%)

Green (82%)

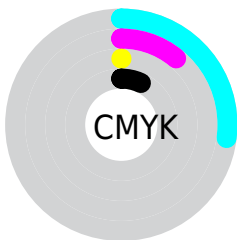
Blue (93%)



Red (67%)

Yellow (77%)

Blue (93%)

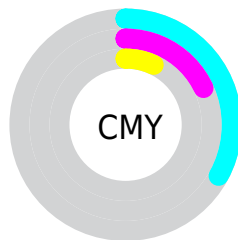


Cyan (27%)

Magenta (11%)

Yellow (0%)

Black (7%)



Cyan (33%)

Magenta (18%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2002, 60.9200, 88.2063 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 55.2002, 60.9200, 88.2063 by changing the saturation by 10% instead.

■ 55.2002, 60.9200,
88.2063

■ 55.2002, 60.9200,
88.2063

396.7944,
427.9806, 542.5974

■ 39.7965, 44.1606,
65.9286

■ 96.9808, 106.1631,
146.7580

■ 27.5634, 30.7968,
47.7583

124.0885,
135.4156, 183.8691

■ 18.1356, 20.4442,
33.2769

155.8282,
169.6012, 226.7618

■ 11.1477, 12.7183,
22.0658

192.5652,
209.1044, 275.8545

■ 6.2343, 7.2349,
13.7065

234.6650,
254.3096, 331.5659

■ 3.0301, 3.6094,
7.7804

282.4929,

■ 1.1697, 1.4576,

305.6011, 394.3145

3.8690

336.4143,
363.3633, 464.5188

■ 0.0822, 0.2586,
1.5538

■ 0.0000, 0.0000,
0.2575

■ 55.2002, 60.9200,
88.2063

■ 55.2002, 60.9200,
88.2063

■ 48.1774, 53.8919,
87.2209

■ 63.2883, 68.7108,
89.2848

■ 42.1631, 47.5891,
86.3213

■ 72.4837, 77.2849,
90.4551

■ 37.1036, 41.9816,
85.5056

■ 82.8325, 86.6712,
91.7214

■ 32.9373, 37.0338,
84.7702

■ 90.0560, 94.6672,
92.8841

■ 29.5947, 32.7059,
84.1110

■ 92.1405, 98.8362,
93.5789

■ 26.9946, 28.9520,
83.5235

■ 25.0326, 25.7140,
83.0019

■ 24.5381, 24.8514,
82.8615

Harmonies

Analogous

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



52.2566, 60.9200, 80.4764



55.2002, 60.9200, 88.2063



58.9941, 60.9200, 89.7565

Triad

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



55.2002, 60.9200, 88.2063



65.5897, 60.9200, 63.2732



53.4003, 60.9200, 50.9720

Complementary

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



55.2002, 60.9200, 88.2063



62.2334, 61.2001, 47.5640

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.



56.8247, 60.9200, 47.3841



55.2002, 60.9200, 88.2063



63.9414, 60.9200, 53.9495

Square

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



55.2002, 60.9200, 88.2063



65.1073, 60.9200, 74.5095



60.6919, 60.9200, 48.4099



51.2501, 60.9200, 58.7749

Rectangle

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



55.2002, 60.9200, 88.2063



61.5152, 60.9200, 86.9296



60.6919, 60.9200, 48.4099



54.4343, 60.9200, 49.2750

Sweetspot

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



55.2021, 60.9224, 88.2077



85.3521, 91.1604, 107.7049



57.1570, 72.8216, 64.2294



17.8998, 19.1713, 23.0069



0.0000, 0.0000, 0.0000



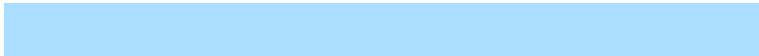
20.3446, 21.4041, 23.3091

Same Dimension

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



55.2021, 60.9224, 88.2077



60.6200, 67.4773, 104.4371



48.1551, 46.8286, 85.8587



14.9748, 16.0361, 19.2283



13.6560, 13.9591, 45.7176



1.1664, 1.2843, 3.6213

Inverse Universe

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



60.9790, 51.9927, 67.7971



68.8013, 55.5399, 75.3727



70.2253, 77.1839, 50.2280



15.4408, 15.2042, 17.6068



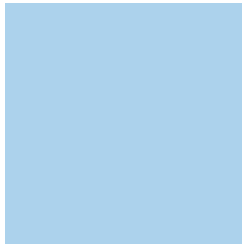
21.7482, 10.9020, 15.0075



1.7552, 0.8751, 1.4285

Previews

White Background



This preview shows how the XYZ color 55.2002, 60.9200, 88.2063 looks on a white background.

Color Contrast Check

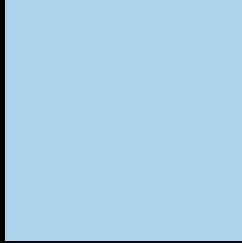
Large Text (above 18pt) WCAG AA × Fail

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 55.2002, 60.9200, 88.2063 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

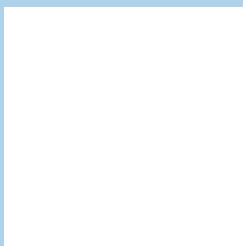
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2002, 60.9200, 88.2063

Background



This preview shows how black text looks on a background with the XYZ color 55.2002, 60.9200, 88.2063.



This preview shows how white text looks on a background with the XYZ color 55.2002, 60.9200,

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

55.2002, 60.9200, 88.2063

Protanopia

59.5992, 60.7608, 84.1881

Deuteranopia

61.8685, 60.4298, 89.2922



Tritanopia

53.8754, 60.7360, 82.2825

Trichromacy



Original Color

55.2002, 60.9200, 88.2063

Protanomaly

58.0145, 60.9730, 85.8021

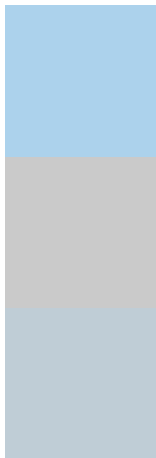
Deuteranomaly

59.1477, 60.4284, 88.6672

Tritanomaly

54.5127, 61.0160, 84.5054

Monochromacy



Original Color

55.2002, 60.9200, 88.2063

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.4548, 59.5940, 72.1984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2002, 60.9200, 88.2063 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(172, 210, 236)` looks like.

```
.text, #text, p{  
    color:rgb(172, 210, 236)  
}
```

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(172, 210, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 210, 236) }
```

Border

The CSS property to change the border of an element to XYZ 55.2002, 60.9200, 88.2063 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(172, 210, 236) }
```


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

```
.border{ border-color:rgb(172, 210, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 210, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 210, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 210, 236);  
box-shadow:4px 4px 4px 4px rgb(172, 210,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2002, 60.9200, 88.2063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 210, 236) }
```

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

```
.background{ background-color: rgb(172,  
210, 236) }
```

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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