

Converting Colors

XYZ(53.6988, 58.0132, 82.4414)

Have a look what the booklet for
XYZ(53.6988, 58.0132, 82.4414)
contains.

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Color

**XYZ(53.8672, 58.1900,
82.5214)**

Conversions

Conversions Part 1

Format	Color
Hex	B1CCE5
RGB	177, 204, 229
RGB Percent	69%, 80%, 90%
CMY	0.3059, 0.2000, 0.1020
CMYK	0.23, 0.11, 0.00, 0.10
HSL	209°, 50%, 80%
HSV	209°, 23%, 90%
XYZ	53.8672, 58.1900, 82.5214
YIQ	198.7770, -24.1170, 2.0510

Conversions

Conversions Part 2

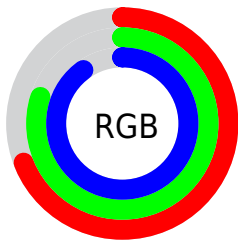
Format	Color
R _Y B	177, 195, 229
Decimal	11652325
CIE Lab	80.84, -3.66, -15.37
CIE LCh	81, 15.803, 256.622
Yxy	58.1900, 0.2768, 0.2991
Android (android.graphics.Color)	4289842405 (0xFFB1CCE5)
YUV	198.7770, 14.8999, -19.0984
Hunter-Lab	76.2824, -7.4454, -10.7416

Details

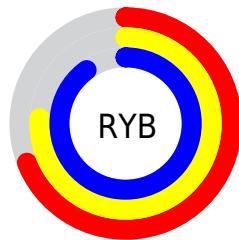
The XYZ color **53.8672, 58.1900, 82.5214** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.3701, 62.0736, 50.3432**, and the grayscale version is **54.0737, 56.8897, 61.9529**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **26.8585, 29.1538, 44.2560** is the 20% darker color. If you saturate the color by 10%, you get **46.5580, 50.6752, 81.4571**, and if you desaturate by 10%, it is **62.2402, 66.5306, 83.6910**.

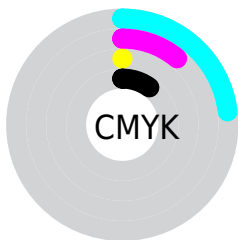
Distribution



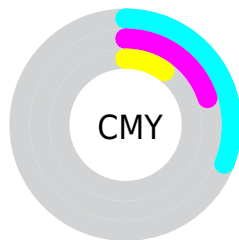
- Red (69%)
- Green (80%)
- Blue (90%)



- Red (69%)
- Yellow (76%)
- Blue (90%)



- Cyan (23%)
- Magenta (11%)
- Yellow (0%)
- Black (10%)



- Cyan (31%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8672, 58.1900, 82.5214 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 53.8672, 58.1900, 82.5214 by changing the saturation by 10% instead.

■ 53.8672, 58.1900,
82.5214

■ 53.8672, 58.1900,
82.5214

391.8100,
417.8935, 523.3192

■ 38.7257, 41.9614,
61.2571

■ 95.0373, 102.1995,
138.7482

■ 26.7262, 29.0711,
44.0008

121.7966,
130.7492, 174.5477

■ 17.5032, 19.1346,
30.3339

153.1593,
164.1747, 216.0294

■ 10.6914, 11.7676,
19.8380

189.4906,
202.8605, 263.6118

■ 5.9255, 6.5856,
12.0944

231.1560,
247.1908, 317.7135

■ 2.8401, 3.2043,
6.6847

278.5208,

■ 1.0698, 1.2393,

297.5502, 378.7529

3.1903

331.9504,
354.3230, 447.1486

■ 0.0000, 0.0935,
1.1926

■ 0.0000, 0.0000,
0.0000

■ 53.8672, 58.1900,
82.5214

■ 53.8672, 58.1900,
82.5214

■ 46.5580, 50.6752,
81.4571

■ 62.2402, 66.5306,
83.6910

■ 40.2597, 43.9492,
80.4908

■ 71.7160, 75.7184,
84.9649

■ 34.9230, 37.9819,
79.6203

■ 82.3380, 85.7823,
86.3476

■ 30.4915, 32.7384,
78.8417

■ 88.9624, 94.0760,
87.5993

■ 26.9025, 28.1801,
78.1511

■ 91.1430, 98.4372,
88.3262

■ 24.0843, 24.2636,
77.5436

■ 21.9510, 20.9377,
77.0141

■ 20.7297, 18.8305,
76.6717

Harmonies

Analogous

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



51.1049, 58.1900, 77.3547



53.8672, 58.1900, 82.5214



57.1243, 58.1900, 82.2074

Triad

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



53.8672, 58.1900, 82.5214



61.5478, 58.1900, 58.3510



50.8667, 58.1900, 51.7894

Complementary

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



53.8672, 58.1900, 82.5214



61.3701, 62.0736, 50.3432

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.



53.5304, 58.1900, 47.6372



53.8672, 58.1900, 82.5214



59.7351, 58.1900, 51.1623

Square

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



53.8672, 58.1900, 82.5214



61.6467, 58.1900, 67.6131



56.7740, 58.1900, 47.4196



49.4191, 58.1900, 59.2872

Rectangle

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



53.8672, 58.1900, 82.5214



59.1402, 58.1900, 78.9217



56.7740, 58.1900, 47.4196



51.6447, 58.1900, 49.9898

Sweetspot

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



53.8690, 58.1924, 82.5227



86.1085, 91.4171, 107.7146



56.7260, 69.6165, 65.8718



18.2730, 19.4141, 23.0342



0.0000, 0.0000, 0.0000



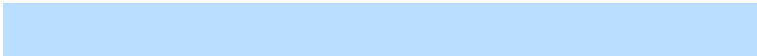
20.3446, 21.4041, 23.3091

Same Dimension

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



53.8690, 58.1924, 82.5227



64.4314, 69.8684, 104.6978



48.3423, 47.1391, 80.6805



14.1989, 15.1191, 18.3143



11.9734, 11.0089, 43.8770



0.9777, 0.9994, 3.2733

Inverse Universe

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



58.9358, 52.4634, 64.1496



72.0022, 61.7097, 77.1546



67.7920, 74.9175, 52.4839



14.6880, 14.4924, 16.5572



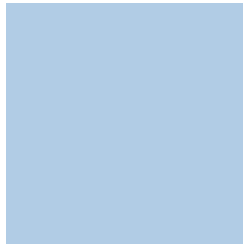
20.4371, 10.3091, 11.1968



1.5571, 0.7806, 1.0744

Previews

White Background



This preview shows how the XYZ color 53.8672, 58.1900, 82.5214 looks on a white background.

Color Contrast Check

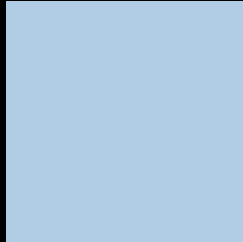
Large Text (above 18pt) WCAG AA × Fail

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 53.8672, 58.1900, 82.5214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

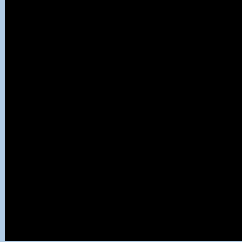
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

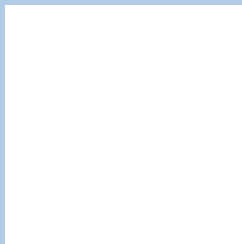
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.8672, 58.1900, 82.5214

Background



This preview shows how black text looks on a background with the XYZ color 53.8672, 58.1900, 82.5214.



This preview shows how white text looks on a background with the XYZ color 53.8672, 58.1900,

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

53.8672, 58.1900, 82.5214

Protanopia

56.9158, 58.0736, 80.1610

Deuteranopia

59.1157, 57.7789, 83.6380



Tritanopia

52.9206, 58.1667, 77.5453

Trichromacy



Original Color

53.8672, 58.1900, 82.5214

Protanomaly

55.7380, 58.1382, 80.9571

Deuteranomaly

56.9827, 57.7034, 82.9975

Tritanomaly

53.3264, 58.3290, 79.6822

Monochromacy



Original Color

53.8672, 58.1900, 82.5214

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.0054, 57.5028, 69.2255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8672, 58.1900, 82.5214 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(177, 204, 229)` looks like.

```
.text, #text, p{  
    color:rgb(177, 204, 229)  
}
```

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(177, 204, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 204, 229) }
```

Border

The CSS property to change the border of an element to XYZ 53.8672, 58.1900, 82.5214 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(177, 204, 229) }
```


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

```
.border{ border-color:rgb(177, 204, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 204, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 204, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 204, 229);  
box-shadow:4px 4px 4px 4px rgb(177, 204,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8672, 58.1900, 82.5214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 204, 229) }
```

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

```
.background{ background-color: rgb(177,  
204, 229) }
```

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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