

Converting Colors

XYZ(52.1511, 58.2588, 87.8533)

Have a look what the booklet for
XYZ(52.1511, 58.2588, 87.8533)
contains.

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Color

**XYZ(52.1511, 58.2588,
87.8533)**

Conversions

Conversions Part 1

Format	Color
Hex	A1CFEC
RGB	161, 207, 236
RGB Percent	63%, 81%, 93%
CMY	0.3686, 0.1882, 0.0745
CMYK	0.32, 0.12, 0.00, 0.07
HSL	203°, 66%, 78%
HSV	203°, 32%, 93%
XYZ	52.1511, 58.2588, 87.8533
YIQ	196.5520, -36.7250, -0.7330

Conversions

Conversions Part 2

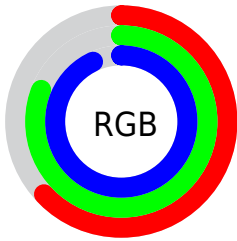
Format	Color
R_{YB}	161, 190, 236
Decimal	10604524
CIE _{Lab}	80.88, -8.26, -19.15
CIE _{LCh}	81, 20.860, 246.666
Yxy	58.2588, 0.2630, 0.2938
Android (android.graphics.Color)	4288794604 (0xFFA1CFEC)
YUV	196.5520, 19.4479, -31.1791
Hunter-Lab	76.3275, -11.6121, -14.8139

Details

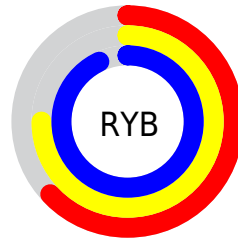
The XYZ color **52.1511, 58.2588, 87.8533** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **59.4396, 57.2338, 41.6343**, and the grayscale version is **52.7049, 55.4496, 60.3847**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **25.6929, 29.2036, 47.4627** is the 20% darker color. If you saturate the color by 10%, you get **45.6897, 51.7415, 86.9369**, and if you desaturate by 10%, it is **59.6415, 65.4989, 88.8570**.

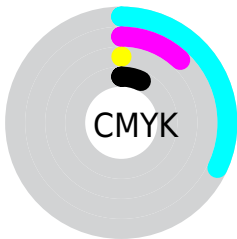
Distribution



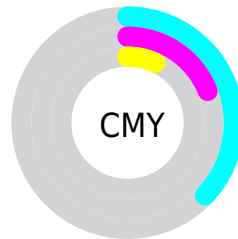
- Red (63%)
- Green (81%)
- Blue (93%)



- Red (63%)
- Yellow (75%)
- Blue (93%)



- Cyan (32%)
- Magenta (12%)
- Yellow (0%)
- Black (7%)



- Cyan (37%)
- Magenta (19%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1511, 58.2588, 87.8533 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 52.1511, 58.2588, 87.8533 by changing the saturation by 10% instead.

■ 52.1511, 58.2588,
87.8533

■ 52.1511, 58.2588,
87.8533

385.3340,
418.1496, 541.4116

■ 37.3503, 42.0167,
65.6379

■ 92.5269, 102.2996,
146.2622

■ 25.6537, 29.1144,
47.5239

■ 118.8327,
130.8672, 183.2929

■ 16.6961, 19.1674,
33.0927

149.7041,
164.3121, 226.0991

■ 10.1120, 11.7913,
21.9258

185.5066,
203.0186, 275.0993

■ 5.5361, 6.6017,
13.6046

226.6055,
247.3712, 330.7121

■ 2.6031, 3.2143,
7.7106

273.3661,

■ 0.9475, 1.2446,

297.7544, 393.3561

3.8252

326.1538,
354.5523, 463.4497

■ 0.0000, 0.0977,
1.5299

■ 0.0000, 0.0000,
0.2401

■ 52.1511, 58.2588,
87.8533

■ 52.1511, 58.2588,
87.8533

■ 45.6897, 51.7415,
86.9369

■ 59.6415, 65.4989,
88.8570

■ 40.1991, 45.9099,
86.1007

■ 68.2041, 73.4833,
89.9468

■ 35.6232, 40.7330,
85.3426

■ 77.8863, 82.2406,
91.1269

■ 31.8975, 36.1743,
84.6590

■ 88.5819, 91.7191,
92.3927

■ 28.9481, 32.1923,
84.0459

■ 91.3885, 97.3323,
93.3282

■ 26.6866, 28.7379,
83.4983

■ 92.1405, 98.8362,
93.5789

■ 25.2281, 26.2314,
83.0914

Harmonies

Analogous

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



48.9803, 58.2588, 78.7100



52.1511, 58.2588, 87.8533



56.3422, 58.2588, 90.0873

Triad

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



52.1511, 58.2588, 87.8533



64.0309, 58.2588, 60.7149



50.5643, 58.2588, 46.2170

Complementary

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



52.1511, 58.2588, 87.8533



59.4396, 57.2338, 41.6343

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.



54.4155, 58.2588, 42.6362



52.1511, 58.2588, 87.8533



62.2996, 58.2588, 50.2744

Square

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



52.1511, 58.2588, 87.8533



63.3475, 58.2588, 73.3202



58.7254, 58.2588, 44.0190



48.0979, 58.2588, 54.4789

Rectangle

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



52.1511, 58.2588, 87.8533



59.1815, 58.2588, 87.1295



58.7254, 58.2588, 44.0190



51.7320, 58.2588, 44.4785

Sweetspot

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



52.1529, 58.2611, 87.8546



83.2178, 89.3503, 107.4680



53.9617, 71.2760, 59.4872



17.4796, 18.8205, 22.9614



0.0000, 0.0000, 0.0000



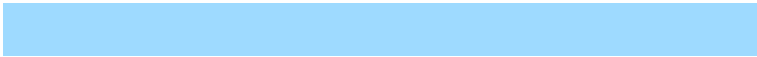
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1529, 58.2611, 87.8546



57.1210, 64.4007, 104.0277



44.1677, 42.2907, 85.1929



15.0003, 16.0871, 19.2368



14.0353, 14.7175, 45.8440



1.1949, 1.3413, 3.6308

Inverse Universe

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



58.6009, 47.8293, 65.1772



66.0779, 50.7854, 72.3303



68.5638, 75.4823, 44.6757



15.4537, 15.2093, 17.6746



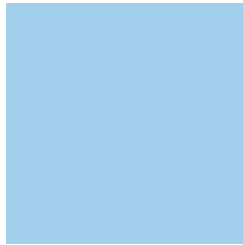
21.9397, 10.9786, 16.0154



1.7696, 0.8808, 1.5042

Previews

White Background



This preview shows how the XYZ color 52.1511, 58.2588, 87.8533 looks on a white background.

Color Contrast Check

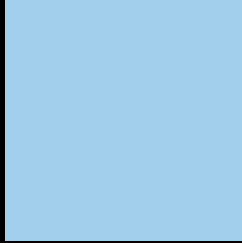
Large Text (above 18pt) WCAG AA × Fail

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 52.1511, 58.2588, 87.8533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

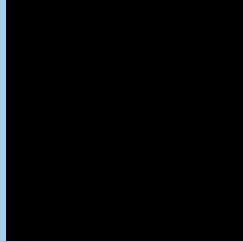
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1511, 58.2588, 87.8533

Background



This preview shows how black text looks on a background with the XYZ color 52.1511, 58.2588, 87.8533.



This preview shows how white text looks on a background with the XYZ color 52.1511, 58.2588,

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

52.1511, 58.2588, 87.8533

Protanopia

57.2120, 58.1621, 83.0739

Deuteranopia

59.2599, 58.0704, 88.9743



Tritanopia

50.6891, 58.4081, 79.8365

Trichromacy



Original Color

52.1511, 58.2588, 87.8533

Protanomaly

55.2145, 58.1345, 84.6549

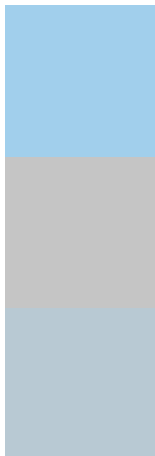
Deuteranomaly

56.1900, 57.8621, 88.3277

Tritanomaly

51.1959, 58.2425, 82.6724

Monochromacy



Original Color

52.1511, 58.2588, 87.8533

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.4117, 56.6668, 69.8034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1511, 58.2588, 87.8533 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(161, 207, 236)` looks like.

```
.text, #text, p{  
    color:rgb(161, 207, 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(161, 207, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 207, 236) }
```

Border

The CSS property to change the border of an element to XYZ 52.1511, 58.2588, 87.8533 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(161, 207, 236) }
```


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

```
.border{ border-color:rgb(161, 207, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 207, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 207, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 207, 236);  
box-shadow:4px 4px 4px 4px rgb(161, 207,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1511, 58.2588, 87.8533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 207, 236) }
```

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

```
.background{ background-color: rgb(161,  
207, 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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