

Converting Colors

XYZ(52.7307, 58.4711, 87.0650)

Have a look what the booklet for
XYZ(52.7307, 58.4711, 87.0650)
contains.

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Color

**XYZ(52.8253, 58.6231,
87.1285)**

Conversions

Conversions Part 1

Format	Color
Hex	A5CFEB
RGB	165, 207, 235
RGB Percent	65%, 81%, 92%
CMY	0.3529, 0.1882, 0.0784
CMYK	0.30, 0.12, 0.00, 0.08
HSL	204°, 64%, 78%
HSV	204°, 30%, 92%
XYZ	52.8253, 58.6231, 87.1285
YIQ	197.6340, -34.0200, -0.1960

Conversions

Conversions Part 2

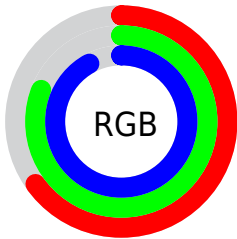
Format	Color
RYB	165, 191, 235
Decimal	10866667
CIELab	81.08, -7.37, -18.29
CIELCh	81, 19.724, 248.044
Yxy	58.6231, 0.2660, 0.2952
Android (android.graphics.Color)	4289056747 (0xFFA5CFEB)
YUV	197.6340, 18.4214, -28.6200
Hunter-Lab	76.5657, -10.8368, -13.8735

Details

The XYZ color **52.8253, 58.6231, 87.1285** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.1234, 58.5195, 43.7255**, and the grayscale version is **53.3625, 56.1415, 61.1381**.

A 20% lighter version of the original color is **83.6288, 94.1122, 108.3655**, and **26.0835, 29.4166, 46.9511** is the 20% darker color. If you saturate the color by 10%, you get **46.1696, 51.9127, 86.1850**, and if you desaturate by 10%, it is **60.5183, 66.0723, 88.1619**.

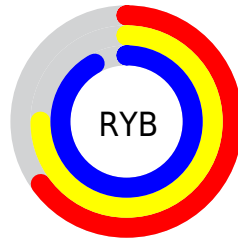
Distribution



Red (65%)

Green (81%)

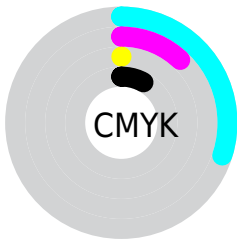
Blue (92%)



Red (65%)

Yellow (75%)

Blue (92%)

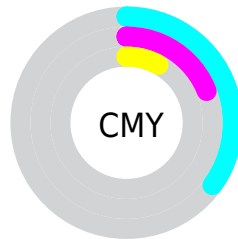


Cyan (30%)

Magenta (12%)

Yellow (0%)

Black (8%)



Cyan (35%)


Magenta (19%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8253, 58.6231, 87.1285 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 52.8253, 58.6231, 87.1285 by changing the saturation by 10% instead.


 52.8253, 58.6231,
87.1285


 52.8253, 58.6231,
87.1285


387.8863,
419.5038, 538.9722

 37.8902, 42.3098,
65.0413

 93.5143, 102.8297,
145.2437

 26.0743, 29.3439,
47.0430


 119.9989,
131.4917, 182.1088

 17.0122, 19.3412,
32.7151


151.0642,
165.0388, 224.7369

 10.3386, 11.9171,
21.6389

187.0753,
203.8554, 273.5466

 5.6880, 6.6872,
13.3961

228.3978,
248.3257, 328.9565

 2.6952, 3.2673,
7.5679

275.3968,

 0.9947, 1.2728,

298.8343, 391.3850

3.7360

328.4379,
355.7655, 461.2507

■ 0.0000, 0.1200,
1.4816

■ 0.0000, 0.0000,
0.2042

■ 52.8253, 58.6231,
87.1285

■ 52.8253, 58.6231,
87.1285

■ 46.1696, 51.9127,
86.1850

■ 60.5183, 66.0723,
88.1619

■ 40.4942, 45.9040,
85.3244

■ 69.2908, 74.2814,
89.2840

■ 35.7445, 40.5668,
84.5445

■ 79.1895, 83.2789,
90.4990

■ 31.8579, 35.8651,
83.8419

■ 88.7677, 92.3224,
91.7397

■ 28.7631, 31.7583,
83.2123

■ 91.6779, 98.1428,
92.7098

■ 26.3758, 28.1993,
82.6512

■ 91.9956, 98.7782,
92.8157

■ 24.5573, 25.1124,
82.1512

■ 24.5214, 25.0498,
82.1410

Harmonies

Analogous

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



49.7422, 58.6231, 78.7703



52.8253, 58.6231, 87.1285



56.8293, 58.6231, 88.8807

Triad

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



52.8253, 58.6231, 87.1285



63.8904, 58.6231, 60.7249



51.0038, 58.6231, 47.6586

Complementary

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



52.8253, 58.6231, 87.1285



60.1234, 58.5195, 43.7255

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.



54.6243, 58.6231, 43.9939



52.8253, 58.6231, 87.1285



62.1574, 58.6231, 50.9105

Square

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



52.8253, 58.6231, 87.1285



63.3509, 58.6231, 72.6443



58.7175, 58.6231, 45.1069



48.7270, 58.6231, 55.7603

Rectangle

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



52.8253, 58.6231, 87.1285



59.5064, 58.6231, 85.8882



58.7175, 58.6231, 45.1069



52.0968, 58.6231, 45.9152

Sweetspot

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



52.8271, 58.6254, 87.1299



84.2461, 90.1866, 107.5752



54.7228, 71.2157, 60.6358



17.6808, 18.9798, 22.9815



0.0000, 0.0000, 0.0000



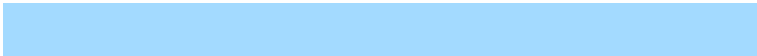
20.3446, 21.4041, 23.3091

Same Dimension

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



52.8271, 58.6254, 87.1299



58.3399, 65.3169, 104.1403



45.4895, 43.9503, 84.6840



14.9830, 16.0523, 19.2310



13.7753, 14.1976, 45.7573



1.1754, 1.3022, 3.6243

Inverse Universe

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



58.9801, 49.0791, 65.3985



67.0646, 52.6022, 73.1419



68.4772, 75.2271, 46.5101



15.4449, 15.2058, 17.6284



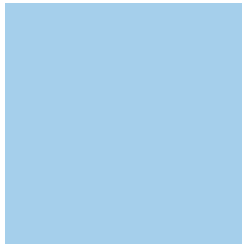
21.8084, 10.9261, 15.3244



1.7598, 0.8769, 1.4524

Previews

White Background



This preview shows how the XYZ color 52.8253, 58.6231, 87.1285 looks on a white background.

Color Contrast Check

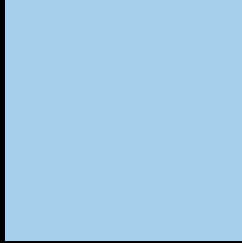
Large Text (above 18pt) WCAG AA × Fail

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 52.8253, 58.6231, 87.1285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

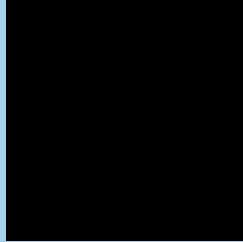
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8253, 58.6231, 87.1285

Background



This preview shows how black text looks on a background with the XYZ color 52.8253, 58.6231, 87.1285.



This preview shows how white text looks on a background with the XYZ color 52.8253, 58.6231,

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

52.8253, 58.6231, 87.1285

Protanopia

57.4713, 58.2958, 83.0861

Deuteranopia

59.6546, 58.2908, 88.2279



Tritanopia

51.4953, 58.8237, 79.8742

Trichromacy



Original Color

52.8253, 58.6231, 87.1285

Protanomaly

55.6936, 58.3815, 84.6773

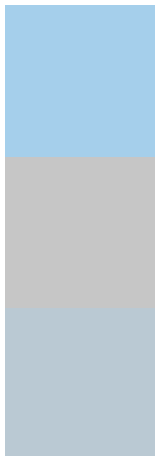
Deuteranomaly

56.7809, 58.1835, 87.5947

Tritanomaly

52.0086, 58.6614, 82.7104

Monochromacy



Original Color

52.8253, 58.6231, 87.1285

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.8942, 56.9155, 69.8260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8253, 58.6231, 87.1285 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(165, 207, 235)` looks like.

```
.text, #text, p{  
    color:rgb(165, 207, 235)  
}
```

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(165, 207, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 207, 235) }
```

Border

The CSS property to change the border of an element to XYZ 52.8253, 58.6231, 87.1285 is called "border". The border property can be set on classes, ids or directly on the HTML element.

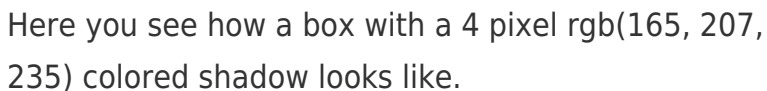
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 207, 235) }
```


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

```
.border{ border-color:rgb(165, 207, 235) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 207, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 207, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 207, 235); box-shadow:4px 4px 4px 4px rgb(165, 207, 235) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8253, 58.6231, 87.1285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 207, 235) }
```

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

```
.background{ background-color: rgb(165,  
207, 235) }
```

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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