

Converting Colors

XYZ(52.8508, 61.2090, 87.6293)

Have a look what the booklet for
XYZ(52.8508, 61.2090, 87.6293)
contains.

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Color

**XYZ(52.9466, 61.2594,
87.6309)**

Conversions

Conversions Part 1

Format	Color
Hex	9DD6EB
RGB	157, 214, 235
RGB Percent	62%, 84%, 92%
CMY	0.3843, 0.1608, 0.0784
CMYK	0.33, 0.09, 0.00, 0.08
HSL	196°, 66%, 77%
HSV	196°, 33%, 92%
XYZ	52.9466, 61.2594, 87.6309
YIQ	199.3510, -40.7130, -5.5530

Conversions

Conversions Part 2

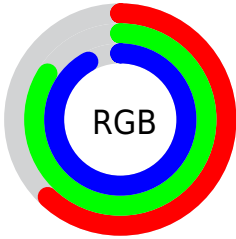
Format	Color
RYB	157, 190, 235
Decimal	10344171
CIELab	82.52, -13.24, -16.18
CIELCh	83, 20.905, 230.699
Yxy	61.2594, 0.2623, 0.3035
Android (android.graphics.Color)	4288534251 (0xFF9DD6EB)
YUV	199.3510, 17.5750, -37.1418
Hunter-Lab	78.2684, -16.2189, -11.5944

Details

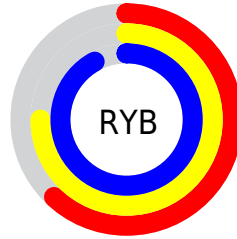
The XYZ color **52.9466, 61.2594, 87.6309** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.2681, 51.9380, 38.9593**, and the grayscale version is **54.4161, 57.2500, 62.3452**.

A 20% lighter version of the original color is **81.5416, 93.0361, 108.2678**, and **26.1283, 30.9345, 47.2417** is the 20% darker color. If you saturate the color by 10%, you get **47.2255, 55.9805, 86.9146**, and if you desaturate by 10%, it is **59.6154, 67.1221, 88.4121**.

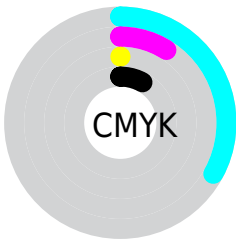
Distribution



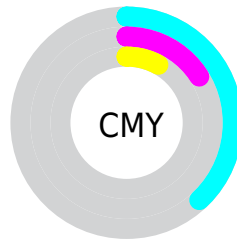
- Red (62%)
- Green (84%)
- Blue (92%)



- Red (62%)
- Yellow (75%)
- Blue (92%)



- Cyan (33%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)



- Cyan (38%)
- Magenta (16%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9466, 61.2594, 87.6309 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 52.9466, 61.2594, 87.6309 by changing the saturation by 10% instead.

■ 52.9466, 61.2594,
87.6309

■ 52.9466, 61.2594,
87.6309

388.3444,
429.2245, 540.6637

■ 37.9874, 44.4345,
65.4548

■ 93.6918, 106.6544,
145.9498

■ 26.1501, 31.0123,
47.3763

■ 120.2085,
135.9934, 182.9297

■ 17.0692, 20.6082,
32.9768

151.3085,
170.2725, 225.6813

■ 10.3795, 12.8379,
21.8377

187.3571,
209.8762, 274.6232

■ 5.7155, 7.3170,
13.5405

228.7196,
255.1889, 330.1738

■ 2.7119, 3.6611,
7.6667

275.7614,

■ 1.0033, 1.4859,

306.5949, 392.7517

3.7977

328.8479,
364.4786, 462.7755

■ 0.0000, 0.2788,
1.5150

■ 0.0000, 0.0000,
0.2291

■ 52.9466, 61.2594,
87.6309

■ 52.9466, 61.2594,
87.6309

■ 47.2255, 55.9805,
86.9146

■ 59.6154, 67.1221,
88.4121

■ 42.3950, 51.2507,
86.2562

■ 67.2737, 73.5867,
89.2562

■ 38.4005, 47.0420,
85.6544

■ 75.9674, 80.6794,
90.1671

■ 35.1785, 43.3207,
85.1059

■ 85.7379, 88.4225,
91.1467

■ 32.6557, 40.0480,
84.6072

■ 89.0807, 92.9484,
91.8441

■ 30.7436, 37.1771,
84.1538

■ 91.0341, 96.8552,
92.4952

■ 29.6983, 35.4036,
83.8666

■ 91.9956, 98.7782,
92.8157

Harmonies

Analogous

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



50.5459, 61.2594, 75.7898



52.9466, 61.2594, 87.6309



56.8464, 61.2594, 94.0759

Triad

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



52.9466, 61.2594, 87.6309



67.1303, 61.2594, 70.7612



55.2384, 61.2594, 46.2139

Complementary

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



52.9466, 61.2594, 87.6309



56.2681, 51.9380, 38.9593

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.



59.6262, 61.2594, 45.2298



52.9466, 61.2594, 87.6309



66.6454, 61.2594, 58.3696

Square

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



52.9466, 61.2594, 87.6309



65.1362, 61.2594, 83.5476



63.8435, 61.2594, 49.4012



51.8213, 61.2594, 52.2866

Rectangle

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



52.9466, 61.2594, 87.6309



59.8362, 61.2594, 93.9448



63.8435, 61.2594, 49.4012



56.6434, 61.2594, 45.3104

Sweetspot

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



52.9485, 61.2618, 87.6323



84.1319, 91.1784, 107.7727



51.6301, 69.7923, 52.7659



17.7014, 19.2639, 23.0353



0.0000, 0.0000, 0.0000



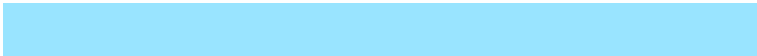
20.3446, 21.4041, 23.3091

Same Dimension

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



52.9485, 61.2618, 87.6323



58.8042, 69.2269, 104.8706



44.2704, 43.9057, 84.7396



15.1548, 16.3961, 19.2883



16.6390, 19.9251, 46.7119



1.3853, 1.7220, 3.6942

Inverse Universe

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



58.4571, 46.6328, 69.5410



66.5712, 49.6184, 79.1338



65.1093, 69.6205, 41.9063



15.5317, 15.2405, 18.0852



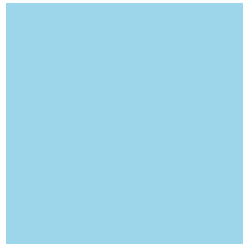
23.2539, 11.5043, 22.9363



1.8657, 0.9192, 2.0102

Previews

White Background



This preview shows how the XYZ color 52.9466, 61.2594, 87.6309 looks on a white background.

Color Contrast Check

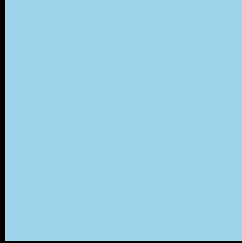
Large Text (above 18pt) WCAG AA × Fail

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 52.9466, 61.2594, 87.6309 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 52.9466, 61.2594, 87.6309

Background



This preview shows how black text looks on a background with the XYZ color 52.9466, 61.2594, 87.6309.

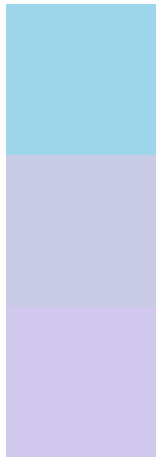


This preview shows how white text looks on a background with the XYZ color 52.9466, 61.2594,

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

52.9466, 61.2594, 87.6309

Protanopia

59.4469, 60.7308, 81.9878

Deuteranopia

62.3814, 61.0369, 89.3824



Tritanopia

52.5762, 61.4950, 85.4426

Trichromacy



Original Color

52.9466, 61.2594, 87.6309

Protanomaly

56.7442, 60.7095, 84.3287

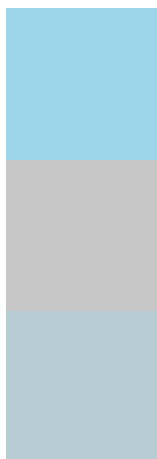
Deuteranomaly

58.3526, 60.7242, 88.7662

Tritanomaly

52.7187, 61.5520, 86.1929

Monochromacy



Original Color

52.9466, 61.2594, 87.6309

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.2437, 58.1295, 70.7012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9466, 61.2594, 87.6309 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(157, 214, 235)` looks like.

```
.text, #text, p{  
    color:rgb(157, 214, 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(157, 214, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 214, 235) }
```

Border

The CSS property to change the border of an element to XYZ 52.9466, 61.2594, 87.6309 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(157, 214, 235) }
```


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

```
.border{ border-color:rgb(157, 214, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 214, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 214, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 214, 235);  
box-shadow:4px 4px 4px 4px rgb(157, 214,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9466, 61.2594, 87.6309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 214, 235) }
```

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

```
.background{ background-color: rgb(157,  
214, 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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