

Converting Colors

XYZ(52.7931, 61.0008, 96.1818)

Have a look what the booklet for
XYZ(52.7931, 61.0008, 96.1818)
contains.

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Color

**XYZ(52.7137, 60.9500,
96.1750)**

Conversions

Conversions Part 1

Format	Color
Hex	93D6F6
RGB	147, 214, 246
RGB Percent	58%, 84%, 96%
CMY	0.4235, 0.1608, 0.0353
CMYK	0.40, 0.13, 0.00, 0.04
HSL	199°, 85%, 77%
HSV	199°, 40%, 96%
XYZ	52.7137, 60.9500, 96.1750
YIQ	197.6150, -50.2040, -4.2520

Conversions

Conversions Part 2

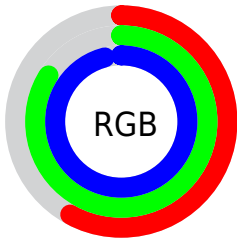
Format	Color
R _Y B	147, 187, 246
Decimal	9688822
CIE Lab	82.35, -13.13, -22.32
CIE LCh	82, 25.898, 239.538
Yxy	60.9500, 0.2512, 0.2905
Android (android.graphics.Color)	4287878902 (0xFF93D6F6)
YUV	197.6150, 23.8538, -44.3894
Hunter-Lab	78.0705, -16.0990, -18.3900

Details

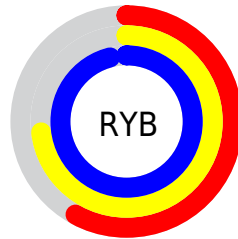
The XYZ color **52.7137, 60.9500, 96.1750** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **59.3937, 53.9406, 34.8866**, and the grayscale version is **53.3263, 56.1034, 61.0966**.

A 20% lighter version of the original color is **78.7118, 91.5774, 108.1354**, and **26.0068, 30.7381, 53.2775** is the 20% darker color. If you saturate the color by 10%, you get **46.8021, 54.9890, 95.3371**, and if you desaturate by 10%, it is **59.6706, 67.5984, 97.0927**.

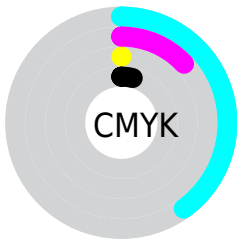
Distribution



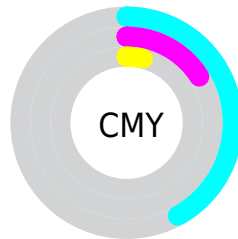
- Red (58%)
- Green (84%)
- Blue (96%)



- Red (58%)
- Yellow (73%)
- Blue (96%)



- Cyan (40%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



- Cyan (42%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.7137, 60.9500, 96.1750 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 52.7137, 60.9500, 96.1750 by changing the saturation by 10% instead.

■ 52.7137, 60.9500,
96.1750

■ 52.7137, 60.9500,
96.1750

387.4646,
428.0907, 569.0000

■ 37.8008, 44.1848,
72.5110

■ 93.3510, 106.2065,
157.8964

■ 26.0047, 30.8158,
53.0869

■ 119.8061,
135.4667, 196.7910

■ 16.9598, 20.4586,
37.4839

150.8393,
169.6606, 241.5995

■ 10.3010, 12.7289,
25.2837

186.8160,
209.1727, 292.7404

■ 5.6628, 7.2421,
16.0676

228.1015,
254.3873, 350.6324

■ 2.6798, 3.6140,
9.4171

275.0612,

■ 0.9868, 1.4601,

305.6890, 415.6940

4.9137

328.0605,
363.4619, 488.3437

■ 0.0000, 0.2604,
2.1389

■ 0.0000, 0.0000,
0.6388

■ 52.7137, 60.9500,
96.1750

■ 52.7137, 60.9500,
96.1750

■ 46.8021, 54.9890,
95.3371

■ 59.6706, 67.5984,
97.0927

■ 41.8679, 49.6742,
94.5713

■ 67.7236, 74.9585,
98.0889

■ 37.8439, 44.9704,
93.8754

■ 76.9270, 83.0614,
99.1678

■ 34.6511, 40.8345,
93.2454

■ 87.3298, 91.9343,
100.3322

■ 32.1955, 37.2161,
92.6764

■ 93.2403, 98.6451,
101.3160

■ 30.3601, 34.1047,
92.1726

■ 93.6348, 99.4339,
101.4474

Harmonies

Analogous

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



49.1763, 60.9500, 82.5116



52.7137, 60.9500, 96.1750



57.8456, 60.9500, 101.6492

Triad

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



52.7137, 60.9500, 96.1750



69.2095, 60.9500, 66.6096



52.8530, 60.9500, 43.2694

Complementary

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



52.7137, 60.9500, 96.1750



59.3937, 53.9406, 34.8866

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.



58.0168, 60.9500, 40.3660



52.7137, 60.9500, 96.1750



67.6678, 60.9500, 52.4742

Square

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



52.7137, 60.9500, 96.1750



67.5730, 60.9500, 83.0033



63.4820, 60.9500, 43.4539



49.2531, 60.9500, 52.1120

Rectangle

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



52.7137, 60.9500, 96.1750



61.5549, 60.9500, 99.3418



63.4820, 60.9500, 43.4539



54.4525, 60.9500, 41.6353

Sweetspot

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



52.7156, 60.9524, 96.1764



81.6002, 88.5024, 107.3896



53.0609, 75.3443, 54.0520



17.1769, 18.6910, 22.9523



0.0000, 0.0000, 0.0000



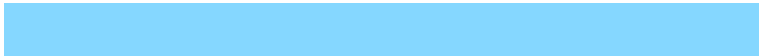
20.3446, 21.4041, 23.3091

Same Dimension

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



52.7156, 60.9524, 96.1764



52.0720, 60.9984, 103.6371



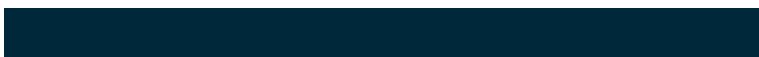
42.1510, 39.8230, 92.6549



16.5189, 17.8020, 21.1081



16.3376, 18.4690, 49.2418



1.5289, 1.8091, 4.3589

Inverse Universe

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



60.5789, 45.3170, 69.1750



61.8950, 42.8546, 69.5952



70.9759, 77.1051, 38.7474



16.9725, 16.6718, 19.6016



24.0510, 11.9638, 20.7746



2.1608, 1.0703, 2.0729

Previews

White Background



This preview shows how the XYZ color 52.7137, 60.9500, 96.1750 looks on a white background.

Color Contrast Check

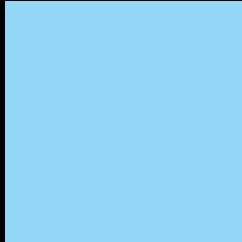
Large Text (above 18pt) WCAG AA × Fail

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 52.7137, 60.9500, 96.1750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

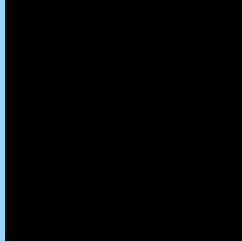
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.7137, 60.9500, 96.1750

Background



This preview shows how black text looks on a background with the XYZ color 52.7137, 60.9500, 96.1750.

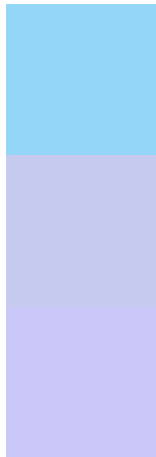


This preview shows how white text looks on a background with the XYZ color 52.7137, 60.9500,

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

52.7137, 60.9500, 96.1750

Protanopia

59.5791, 60.2844, 89.3848

Deuteranopia

61.8406, 60.5656, 98.0535



Tritanopia

50.7654, 60.9242, 86.1747

Trichromacy



Original Color

52.7137, 60.9500, 96.1750

Protanomaly

56.5389, 60.0772, 91.8352

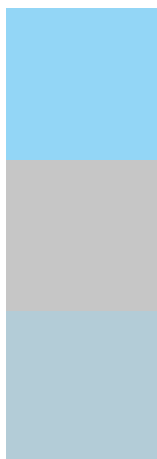
Deuteranomaly

57.8307, 60.2637, 97.3910

Tritanomaly

51.4101, 60.7937, 89.9137

Monochromacy



Original Color

52.7137, 60.9500, 96.1750

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.4490, 57.6757, 72.6582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7137, 60.9500, 96.1750 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(147, 214, 246)` looks like.

```
.text, #text, p{  
    color:rgb(147, 214, 246)  
}
```

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(147, 214, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 214, 246) }
```

Border

The CSS property to change the border of an element to XYZ 52.7137, 60.9500, 96.1750 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(147, 214, 246) }
```


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

```
.border{ border-color:rgb(147, 214, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 214, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 214, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 214, 246);  
box-shadow:4px 4px 4px 4px rgb(147, 214,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7137, 60.9500, 96.1750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 214, 246) }
```

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

```
.background{ background-color: rgb(147,  
214, 246) }
```

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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